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OCCUPATIONAL EMPLOYMENT STATISTICS OF MONTANA 1988

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LOCAL JOB SERVICE OFFICE LISTING

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Satellite
Billings, MT 59101
(259-5529)

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121 N Willson
Bozeman, MT 59715
(586-5455)

BUTTE
206 W Granite
P.O. Box 309
Butte, MT 59703
(782-0417)

CUT BANK
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Cut Bank, MT 59427
(873-2191)

DILLON
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Dillon, MT 59725
(683-5501)

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Glasgow, MT 59230
(228-9369)

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211 S Kendrick
Glendive, MT 59330
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GREAT FALLS
1018 7th St. S
Great Falls, MT 59405
(761-1730)

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333 Main Street
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Hamilton, MT 59840
(363-1822)

HAVRE
416 First Street
Havre, MT 59501
(265-5847)

HELENA
715 Front Street
Helena, MT 59601
(449-6006)

KALISPELL
427 First Ave. E
Kalispell, MT 59901
(752-5627)

LEWISTOWN
300 First Ave. N
Lewistown, MT 59457
(538-8701)

LIBBY
317 Mineral Ave.
Libby, MT 59923
(293-2682)

LIVINGSTON
228 South Main
P.O. Box 1199
Livingston, MT 59047
(222-0520)

MILES CITY
12 North 10th St
P.O. Box 1786
(232-1316)

MISSOULA
539 S 3rd St. W
P.O. Box 5027
Missoula, MT 59806
(728-7060)

POLSON
417 Main Street
P.O. Box 970
Polson, MT 59860
(883-5261)

SHELBY
402 First St. S
Shelby, MT 59474
(434-5161)

SIDNEY
120 South Central
Sidney, MT 59270
(482-1204)

THOMPSON FALLS
608 Main Street
P.O. Box 669
Thompson Falls, MT 59873
(827-3472)

WOLF POINT
200 Highway 2 East
Wolf Point, MT 59201
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OCCUPATIONAL EMPLOYMENT STATISTICS

1988 Statewide Survey of
Transportation
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Public Utilities
Wholesale & Retail Trade
Education
Federal, State & Local Government

State of Montana
Stan Stephens, Governor

Department of Labor and Industry
Mike Micone, Commissioner

Montana Department of
Labor and Industry
Research & Analysis Bureau
Labor Market Information Section
P.O. Box 1728
Helena, Montana 59624

August, 1989

ACKNOWLEDGEMENTS

We would like to express our appreciation to all the employers who took the time to complete the survey questionnaires. Their cooperation and support is the key to a successful Occupational Employment Statistics program.

Acknowledgement is also to be given to the Bureau of Labor Statistics offices in Washington, D.C. and Kansas City, Missouri for their financial and technical support.

TABLE OF CONTENTS

		Page
ACKNOWLEDGEMENTS		ii
INTRODUCTION		1
METHODOLOGY		2
TABLES, FORMAT AND DEFINITION OF		4
SIC 40	RAILROADS	5
SIC 41	LOCAL AND SUBURBAN TRANSIT & INTERURBAN HIGHWAY PASSENGER TRANSPORTATION	9
SIC 42	MOTOR FREIGHT TRANSPORTATION AND WAREHOUSING	12
SIC 47	TRANSPORTATION SERVICES	15
SIC 48	COMMUNICATION	17
SIC 49	ELECTRIC, GAS AND SANITARY SERVICES	20
SIC 50	WHOLESALE TRADE - DURABLE GOODS	25
SIC 51	WHOLESALE TRADE - NONDURABLE GOODS	29
SIC 52	BUILDING MATERIALS, HARDWARE, GARDEN SUPPLIES AND MOBILE HOME DEALERS	33
SIC 53	GENERAL MERCHANDISE STORES	36
SIC 54	FOOD STORES	39
SIC 55	AUTOMOTIVE DEALERS & GASOLINE SERVICE STATIONS	42
SIC 56	APPAREL AND ACCESSORY STORES	45
SIC 57	FURNITURE, HOME FURNISHINGS, AND EQUIPMENT STORES	47
SIC 58	EATING AND DRINKING PLACES	50
SIC 59	MISCELLANEOUS RETAIL	53
SIC 821	ELEMENTARY AND SECONDARY SCHOOLS	56
SIC 822	COLLEGES, UNIVERSITIES, PROFESSIONAL SCHOOLS, AND JUNIOR COLLEGES	60

FEDERAL GOVERNMENT 65

STATE GOVERNMENT 71

LOCAL GOVERNMENT 77

INTRODUCTION

The Occupational Employment Statistics Program (OES) was developed by the United States Bureau of Labor Statistics to meet a demand for current occupational information. The program is designed to: (1) provide staffing profiles by industry, (2) identify emerging and disappearing occupations, (3) assist in the development of educational and training programs, and (4) provide current occupational information for employment and educational counselors.

The OES survey covers all nonagricultural industries, excluding private households. The survey is conducted over a three year cycle. Its purpose is to obtain employment by occupation by industry. Manufacturing and hospital industries are surveyed in the first year; one-half of the nonmanufacturing industries in the second year; and the remainder of the nonmanufacturing industries in the third year. Data are collected from employing establishments primarily by mail; telephone followups and personal visits are used when an establishment's response is critical to the survey. The survey is based on a random sample, stratified by industry and size; it is designed to represent the universe of esablishments covered by the survey. The data obtained from the survey are then used to estimate employment by occupation and industry.

The two exceptions to the random sample procedure that was used are in Federal and State Government (Tables 19 and 20). Since Federal and State government are all inclusive and considered as one employer in themselves, the data shown in tables 19 and 20 represent the entire universe(i.e.,Federal and State government were surveyed as one unit in themselves).

A major component of the OES system is the development of an industry/occupation matrix system, a model representing the occupational staffing patterns of each industry. Basically, it reflects the typical staffing pattern of each industry in terms of the ratio of occupational employment in each industry to total employment in each industry. The data are arrayed in the form of a grid, industries by occupations. The value of the matrix in this form is that it shows where people work and what they do.

The information contained in this publication portrays the results of the OES survey of transportation, communication, public utilities, wholesale and retail trade, education, federal, state and local government.

METHODOLOGY

The Sample. The sample for this survey was selected from the ES-202 report, which is a listing of all employing units within the state covered under the unemployment insurance law. The units were categorized by industry, 3 digit Standard Industrial Classification (SIC) and within industry by size. Each sample part was assigned a sample ratio based upon the employment within that part. The present survey consisted of a sample of approximately 3,000 establishments with more than 98,000 jobs.

The Survey Questionnaire. The questionnaires used for the OES survey were tailored to each specific industry's occupational structure. For example, the questionnaire for a trucking firm did not list "blueprint machine operator" as an occupation. Respondents were asked to report each worker in the appropriate occupational category listed on the form and to count an employee only once. Each questionnaire was limited to a maximum of 200 occupations; residual categories, such as "all other professional workers" were included so that total employment could be listed. Employers were asked to identify occupations and duties listed in the residual categories so that these occupations could be identified.

Estimating Procedure. The estimating method used in this survey was a ratio estimate. Each unit within a size class within a three digit SIC was assigned a weight. The weight assigned was the inverse of the sampling ratio, the probability of sample selection. Estimates were calculated by 1) taking the total employment and the employment for each occupation reported and multiplying them by the sample weight for each establishment in the estimating cell; 2) deriving the ratio of the summed weighted occupational employment to the summed weighted reported employment for each cell; and, 3) the ratio derived in the previous step was multiplied by the benchmark employment for that estimating cell as of the reference date of the survey, yielding the occupational structure of each estimating cell. The reference date of the survey was: October 1987 for federal gov't; May 1988 for state gov't, local gov't, SIC's 40,41,42,48; June 1988 for SIC's 45,46,50-59; April 1988 for SIC's 44,47,49,82.

Limitations of Data. The estimates in this report were based on a sample. It is unlikely that the numbers would be exactly the same had it been possible to take a complete census of all establishments in each industry. The probable error resulting from sampling is indicated by the estimates' relative error for each occupation. Nonsampling errors may also taint the accuracy of the estimates. These errors arise from faulty response to survey questionnaires, physical errors in processing surveys, computational errors, etc. Great care was taken to minimize these errors as much as possible. Employment counts were not complete. All employment data in the report relate to the nonagricultural wage and salaried class of worker exclusively. Those excluded from the counts were agricultural type industries, self-employed and unpaid family workers. Finally, the "work-force" concept of employment was used in the study; that is, the counts reflect the number of jobs and not the persons holding the jobs.

METHODOLOGY(Continued)

Publishing Criteria. A. The criteria used in publishing the employment estimates for a particular industry were 1) that a response rate of at least 50% of the employment within that industry was obtained, and 2) that the total estimated employment within that industry be at least 500. If these two conditions were not met, employment estimates for that particular industry were not made. Nor would employment estimates for a particular industry be published if the industry is dominated by one or two employers who for confidentiality reasons do not wish to have the results of their survey published.

B. The criteria used in publishing a specific occupation were 1) that the estimated employment be at least 10, and 2) that the estimate for that particular occupation have a relative error of less than 50%. If these two conditions were not met, then the estimated employment for the occupation was rolled into the appropriate "All Other" category.

TABLES

Table Format. The following tables are a listing of the individual industry/occupation staffing patterns resulting from the OES estimating system. The data have been edited following Bureau of Labor Statistics criteria. The tables are set up with the industry name and number followed by the SIC definition.

Table Definitions.

SIC — The Standard Industrial Classification is a classification system developed by the federal government to define industries in accordance with the composition and structure of the economy.

BENCHMARK — The benchmark is the specific employment figure which existed for the industry at the reference point.

OCCUPATION — The occupations in the OES survey are broken down into seven categories: managerial/administrative, professional/technical, sales, clerical/administrative support, service, agricultural/related, and production/maintenance workers. Subtotals of each category are provided.

ESTIMATED EMPLOYMENT
The estimated employment is produced by the OES estimating system.

ANNUAL AVERAGE EMPLOYMENT
The annual average employment is produced by the ES-202 employment system. NOTE: Because this is an annualized number, it will be slightly different than the OES "estimated" employment number. (OES uses a reference month).

RELATIVE ERROR
The relative error is a measure of precision and expresses the absolute sampling error of an estimate as a percentage of that estimate. From an accuracy standpoint, the higher the relative error the less accurate the estimate. If the relative errors exceeded fifty percent, the employment from these occupations were added to the appropriate residual (all other) category.

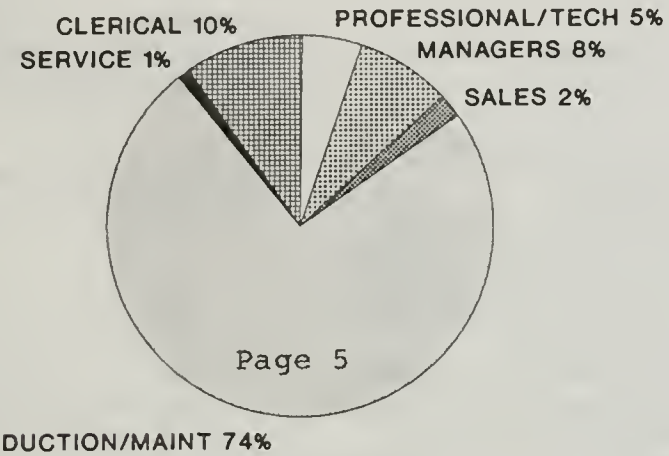
% TOTAL EMPLOYMENT
The percent of total employment reflects the rate of occurence of an occupation or category of occupations in an industry.

-- Indicates that the data for this item are either not available or not applicable.

RAILROAD TRANSPORTATION

SIC 40

DISTRIBUTION OF OCCUPATIONAL GROUPS



ANNUAL AVERAGE EMPLOYMENT

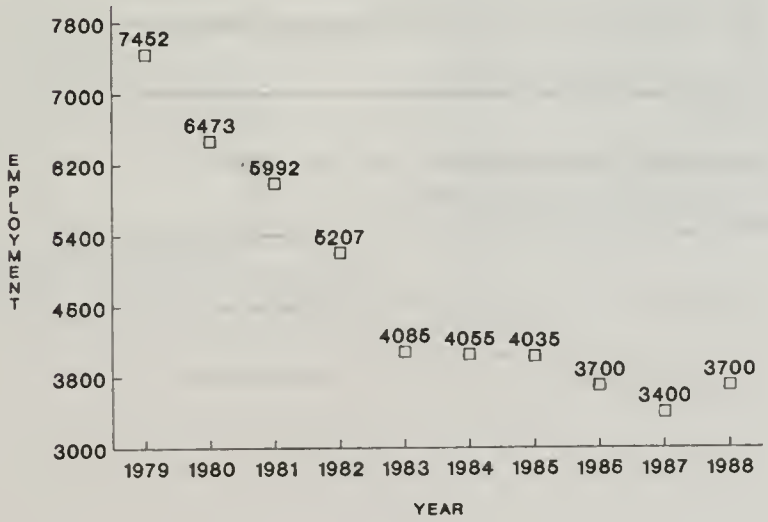


TABLE 1

INDUSTRY 40

RAILROADS

THIS MAJOR GROUP INCLUDES ESTABLISHMENTS FURNISHING TRANSPORTATION BY LINE-HAUL RAILROAD, AND SWITCHING AND TERMINAL ESTABLISHMENTS. RAILROADS SERVING A SINGLE MUNICIPALITY, CONTIGUOUS MUNICIPALITIES, OR A MUNICIPALITY AND ITS SUBURBAN AREAS ARE CLASSIFIED IN MAJOR GROUP 41.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
FINANCIAL MANAGERS	20	.5	--
PERSONNEL AND RELATED MANAGERS	20	.5	--
MRKTG, ADVERTISING, AND P/R MGRS.	30	.8	--
ADMINISTRATIVE SERVICES MANAGERS	30	.8	--
ENGINEERING, MATH & SCIENCE MGRS.	20	.5	--
CONSTRUCTION MANAGERS	10	.3	--
COMMUN, TRANSP, AND UTILITY MGRS.	100	2.7	--
GENERAL MANAGERS AND TOP EXECUTIVES	30	.8	7
ALL OTHER MANAGERS AND ADMIN.	40	1.1	--
TOTAL MANAGERS AND ADMINISTRATORS	300	8.0	--
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	30	.8	--
BUDGET ANALYSTS	10	.3	--
ALL OTHER FINANCIAL SPECIALISTS	30	.8	--
PERSONNEL AND RELATED SPECIALISTS	20	.5	--
COMPLIANCE AND ENFORCEMENT INSPECTR.	10	.3	--
ALL OTHER MGMT. SUPPORT WORKERS	20	.5	--
CIVIL ENGINEERS, INCLUDING TRAFFIC	10	.3	--
SYSTEMS ANALYSTS, EDP	10	.3	--
OPERATIONS & SYSTEMS RESEARCHERS	10	.3	--
ALL OTHER PROF,PARAPROF,TECHNICAL	40	1.1	--
TOTAL PROFESSIONAL AND TECH.	190	5.2	--

TABLE 1 (CONTINUED)

INDUSTRY 40

RAILROADS

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
3. SALES AND RELATED:			
SALES AGENTS,SELECTED BUSINESS SERVICE	10	.3	--
ALL OTHER SALES AND RELATED WORKERS	60	1.6	--
TOTAL SALES AND RELATED	70	1.9	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN SUPPORT	30	.8	--
SECRETARIES	20	.5	5
STENOGRAPHERS	20	.5	--
PERSONNEL CLERKS	10	.3	--
BOOKKEEPING AND ACCOUNTING CLERKS	10	.3	--
GENERAL OFFICE CLERKS	160	4.3	--
ALL OTHER OFFICE MACHINE OPERATORS	10	.3	--
DISPATCHERS, EXCEPT POLICE, FIRE&AMBL	60	1.6	--
STOCK CLERKS, STOCKROOM & WAREHOUSE	10	.3	--
ALL OTHER CLERICAL & ADMIN. SUPPORT	20	.5	--
TOTAL CLERICAL AND ADMIN. SUPPORT	350	9.4	--
5. SERVICE:			
SUPERVR, ALL OTHER SERVICE	10	.3	--
RAILROAD & TRANSIT POLICE&SPECL AGENTS	10	.3	--
GUARDS AND WATCH GUARDS	10	.3	--
ALL OTHER FOOD SERVICE WORKERS	10	.3	--
ALL OTHER SERVICE WORKERS	10	.2	--
TOTAL SERVICE	50	1.4	
6. AGRICULTURAL AND RELATED:			
ALL OTHER AGRI AND RELATED WORKERS	10	.3	--
TOTAL AGRICULTURAL AND RELATED	10	.3	--

TABLE 1 (CONTINUED)

INDUSTRY 40

RAILROADS

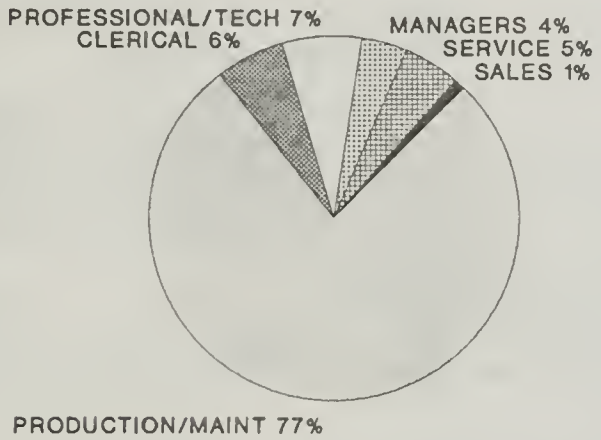
OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
7. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, MECHANICS,INSTALLERS&REPAIR	80	2.2	2
SUPERVR, CONSTRUCTION AND RELATED	100	2.7	3
SUPERVR, TRANSPORTATION AND RELATED	30	.8	7
SUPERVISORS, ALL OTHER	10	.3	--
TRANSPORTATION INSPECTORS	40	1.1	1
BUS, TRUCK AND DIESEL MECHANICS	10	.3	--
RAIL CAR REPAIRERS	30	.8	1
SIGNAL OR TRACK SWITCH MAINTAINERS	80	2.2	2
ELECTRICAL TRANSPOR EQUIP REPAIRERS	30	.8	1
ALL OTHER MECHANICS,INSTALLERS,REPR	10	.3	--
CARPENTERS	30	.8	1
ELECTRICIANS	100	2.7	3
RAIL-TRACK LAYING EQUIP OPERATORS	270	7.2	7
ALL OTHER CONSTRUCTION TRADES WORKER	100	2.7	3
MACHINISTS	220	5.9	6
SHEET METAL WORKERS	40	1.1	1
BOILERMAKERS	20	.5	1
ALL OTHER MACHINE OPERATORS&TENDERS	140	3.8	4
ALL OTHER PLANT & SYSTEM OPERATORS	10	.3	--
RAILROAD CONDUCTORS & YARDMASTERS	240	6.4	6
LOCOMOTIVE ENGINEERS	200	5.4	5
RAIL YARD ENGINEERS AND RELATED	30	.8	1
LOCOMOTIVE FIRERS	70	1.9	2
RAILROAD BRAKE, SIGNAL & SWITCH OPER	530	14.3	14
ALL OTHER RAIL VEHICLE OPERATORS	30	.8	1
ALL OTHER TRANSPORTATION RELATED WRK	80	2.2	2
HOIST AND WINCH OPERATORS	50	1.4	1
INDUSTRIAL TRUCK & TRACTOR OPERATORS	50	1.4	1
ALL OTHER HELPERS,LABORERS,HAND WORK	100	2.7	--
TOTAL PROD, CONST, MAINT & HANDL	2,730	73.8	--
GRAND TOTAL OF INDUSTRY 40	3,700	100.0%	

LOCAL AND SUBURBAN TRANSIT & INTERURBAN HIGHWAY PASSENGER TRANSPORTATION

SIC 41

DISTRIBUTION OF OCCUPATIONAL GROUPS



ANNUAL AVERAGE EMPLOYMENT

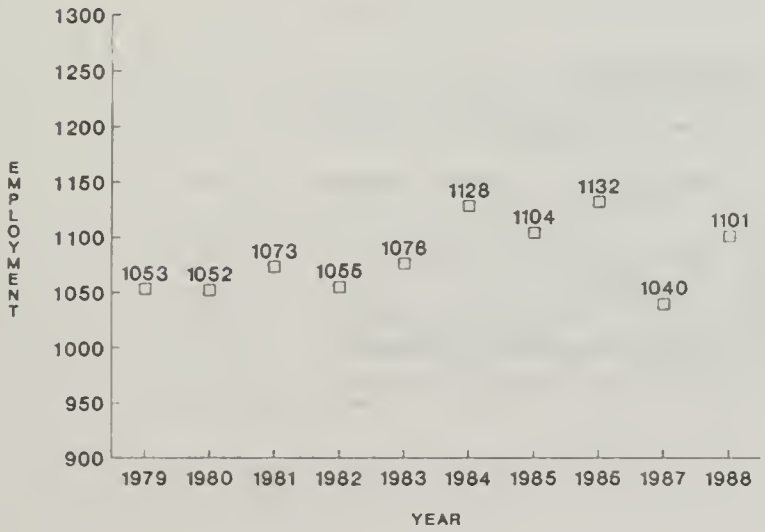


TABLE 2

INDUSTRY 41

LOCAL AND SUBURBAN TRANSIT & INTERURBAN HIGHWAY PASSENGER TRANSPORTATION

THIS MAJOR GROUP INCLUDES ESTABLISHMENTS PRIMARILY ENGAGED IN FURNISHING LOCAL AND SUBURBAN PASSENGER TRANSPORTATION, SUCH AS THOSE PROVIDING PASSENGER TRANSPORTATION WITHIN A SINGLE MUNICIPALITY, CONTIGUOUS MUNICIPALITIES, OR A MUNICIPALITY AND ITS SUBURBAN AREAS BY BUS, RAIL, OR SUBWAY, EITHER SEPARATELY OR IN COMBINATION, AND ESTABLISHMENTS ENGAGED IN FURNISHING TRANSPORTATION TO LOCAL SCENIC FEATURES. ALSO INCLUDED ARE ESTABLISHMENTS PRIMARILY ENGAGED IN FURNISHING HIGHWAY PASSENGER SERVICE TRANSPORTATION AND ESTABLISHMENTS FURNISHING HIGHWAY PASSENGER TERMINAL OR MAINTENANCE FACILITIES. INTERCITY BUS LINES ARE INCLUDED IN THIS MAJOR GROUP.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
COMMUN, TRANSP, AND UTILITY MGRS.	10	.9	19
GENERAL MANAGERS AND TOP EXEC.	30	2.8	17
TOTAL MANAGERS AND ADMINISTRATORS	40	3.7	--
2. PROFESSIONAL AND TECHNICAL:			
EMERGENCY MEDICAL TECHNICIANS	80	7.4	34
TOTAL PROFESSIONAL AND TECH.	80	7.4	--
3. SALES AND RELATED:			
SALES AGENTS,SELECTED BUSINESS SERVICE	10	.9	--
TOTAL SALES AND RELATED	10	.9	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SECRETARIES	10	.9	33
BOOKKEEPING AND ACCOUNTING CLERKS	20	1.9	28
GENERAL OFFICE CLERKS	10	.9	27
DISPATCHERS, EXCEPT POLICE, FIRE&AMBL	20	1.9	44
ALL OTHER CLERICAL & ADMIN SUPPORT	10	.9	--
TOTAL CLERICAL AND ADMIN. SUPPORT	70	6.5	--

TABLE 2 (CONTINUED)

INDUSTRY 41

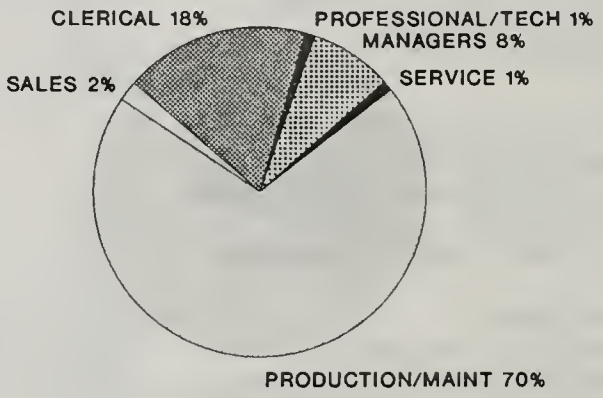
LOCAL AND SUBURBAN TRANSIT & INTERURBAN HIGHWAY PASSENGER TRANSPORTATION

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
5. SERVICE:			
GUARDS AND WATCH GUARDS	10	.9	18
ALL OTHER HEALTH SERVICE WORKERS	30	2.8	--
ALL OTHER SERVICE WORKERS	10	.9	--
TOTAL SERVICE	50	4.6	--
6. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVISORS, TRANSPORTATION & RELATED	10	.9	38
AUTOMOTIVE MECHANICS	10	.9	42
BUS,TRUCK & DIESEL ENGINE MECHANICS	30	2.8	10
BUS DRIVERS	170	15.8	21
SCHOOL BUS DRIVERS	510	47.2	6
TAXI AND CHAUFFEUR DRIVERS	90	8.4	5
VEHICLE WASHERS AND EQUIP. CLEANERS	10	.9	17
TOTAL PROD, CONST, MAINT & HANDL	830	76.9	--
GRAND TOTAL OF INDUSTRY 41	1,080	100.0%	

MOTOR FREIGHT TRANSPORTATION AND WAREHOUSING SIC 42

DISTRIBUTION OF OCCUPATIONAL GROUPS



ANNUAL AVERAGE EMPLOYMENT

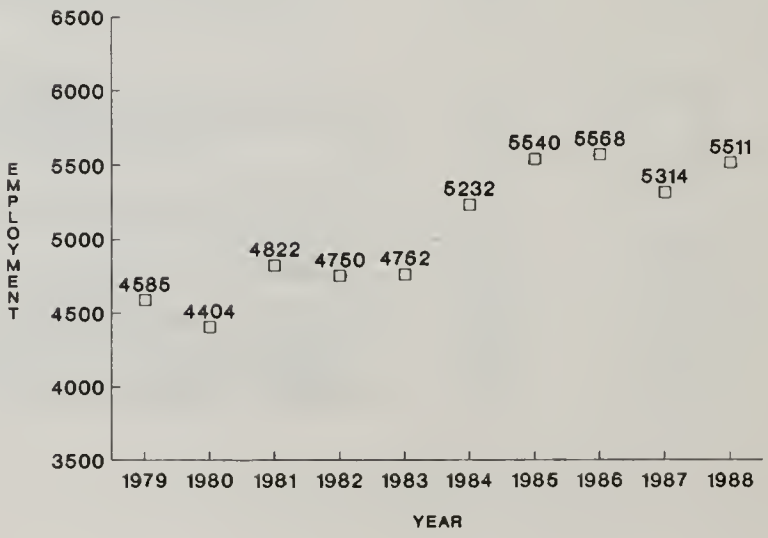


TABLE 3

INDUSTRY 42

MOTOR FREIGHT TRANSPORTATION AND WAREHOUSING

THIS MAJOR GROUP INCLUDES ESTABLISHMENTS FURNISHING LOCAL OR LONG-DISTANCE TRUCKING, OR TRANSFER SERVICES, OR THOSE ENGAGED IN THE STORAGE OF FARM PRODUCTS, FURNITURE AND OTHER HOUSEHOLD GOODS, OR COMMERCIAL GOODS OF ANY NATURE. THE OPERATION OF TERMINAL FACILITIES FOR HANDLING FREIGHT, WITH OR WITHOUT MAINTENANCE FACILITIES, IS ALSO INCLUDED.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
COMMUN, TRANSP, AND UTILITY MGRS.	140	2.6	18
GENERAL MANAGERS AND TOP EXEC.	260	4.9	10
ALL OTHER MANAGERS AND ADMIN.	20	.4	--
TOTAL MANAGERS AND ADMINISTRATORS	420	7.9	--
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	30	.5	25
ALL OTHER MGMT. SUPPORT WORKERS	10	.2	--
ALL OTHER PROF,PARAPROF,TECHNICAL	10	.2	--
TOTAL PROFESSIONAL AND TECH.	50	.9	--
3. SALES AND RELATED:			
SALES AGENTS, BUSINESS SERVICES	90	1.7	19
ALL OTHER SALES AND RELATED WORKERS	20	.4	--
TOTAL SALES AND RELATED	110	2.1	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN SUPPORT	80	1.5	19
SECRETARIES	130	2.4	14
BOOKKEEPING AND ACCOUNTING CLERKS	180	3.4	14
BILLING, COST AND RATE CLERKS	80	1.5	20
GENERAL OFFICE CLERKS	220	4.1	13
BILLING, POST., AND CALC. MACH. OPERS	30	.6	29
COMPUTER OPERATORS	10	.2	48
DISPATCHERS, EXCEPT POLICE, FIRE&AMBL	120	2.2	17
STOCK CLERKS, STOCKROOM & WAREHOUSE	70	1.3	34
ALL OTHER CLERICAL & ADMIN SUPPORT	20	.4	--
TOTAL CLERICAL AND ADMIN. SUPPORT	940	17.6	--

TABLE 3 (CONTINUED)

INDUSTRY 42

MOTOR FREIGHT TRANSPORTATION AND WAREHOUSING

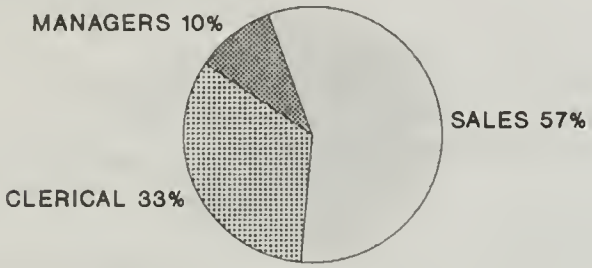
OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
5. SERVICE:			
ALL OTHER FOOD SERVICE WORKERS	40	.7	--
CLEANING & BUILDING SERVICE WORKERS	20	.4	29
TOTAL SERVICE	60	1.1	--
6. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, TRANSPORTATION & RELATED	50	.9	28
SUPERVR, HELPERS,LABORERS & MOVERS	20	.4	41
MAINTENANCE REPAIRERS, GEN. UTILITY	50	.9	38
AUTOMOTIVE MECHANICS	20	.4	38
BUS,TRUCK & DIESEL ENGINE MECHANICS	250	4.7	13
ALL OTHER MECHANICS,INSTALLERS,REPR	10	.2	--
HEAVY TRUCK DRIVERS, INCL SEMI'S	2,640	49.5	5
LIGHT TRUCK DRIVERS, INCL DELIVERY	360	6.8	24
ALL OTHER TRANSPORTATION WORKERS	50	.9	--
INDUSTRIAL TRUCK & TRACTOR OPERATORS	120	2.2	40
ALL OTHER MATERIAL MOVING EQUIP OPER	10	.2	--
HAND PACKERS AND PACKAGERS	40	.8	40
VEHICLE WASHERS & EQUIP CLEANERS	10	.2	37
ALL OTHER HELPERS,LABORERS,HAND WORK	120	2.3	--
TOTAL PROD, CONST, MAINT & HANDL	3,750	70.4	--
GRAND TOTAL OF INDUSTRY 42	5,330	100.0%	

TRANSPORTATION SERVICES

SIC 47

DISTRIBUTION OF OCCUPATIONAL GROUPS



ANNUAL AVERAGE EMPLOYMENT

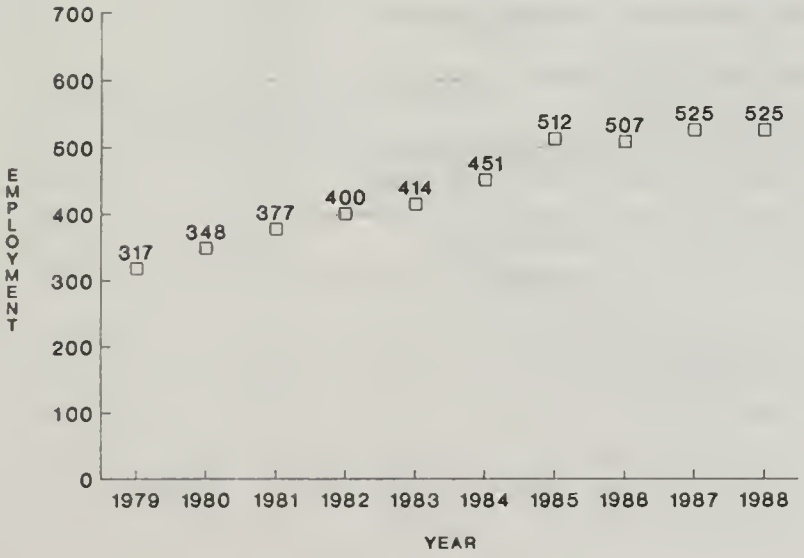


TABLE 4

INDUSTRY 47

TRANSPORTATION SERVICES

THIS MAJOR GROUP INCLUDES ESTABLISHMENTS FURNISHING SERVICES INCIDENTAL TO TRANSPORTATION, SUCH AS FORWARDING AND PACKING SERVICES, AND THE ARRANGEMENT OF PASSENGER AND FREIGHT TRANSPORTATION.

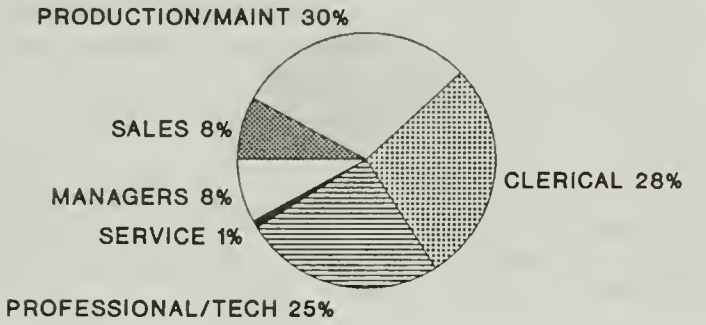
OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
COMMUN, TRANSP, AND UTILITY MGRS.	10	2.0	47
GENERAL MANAGERS AND TOP EXEC.	40	7.8	14
TOTAL MANAGERS AND ADMINISTRATORS	50	9.8	--
2. SALES AND RELATED:			
SUPERVISORS, SALES AND RELATED	20	3.9	22
SALES AGENTS, BUSINESS SERVICES	20	3.9	41
TRAVEL AGENTS	250	49.0	7
TOTAL SALES AND RELATED	290	56.9	--
3. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN SUPPORT	20	3.9	25
TRAVEL CLERKS	20	3.9	42
RESERVATION & TRANS. TICKET AGENTS	20	3.9	38
ALL OTHER SECRETARIES	20	3.9	31
BOOKKEEPING AND ACCOUNTING CLERKS	30	5.9	17
GENERAL OFFICE CLERKS	30	5.9	33
ALL OTHER CLERICAL & ADMIN SUPPORT	30	5.9	--
TOTAL CLERICAL AND ADMIN. SUPPORT	170	33.3	--
GRAND TOTAL OF INDUSTRY 47	510	100.0%	

COMMUNICATIONS

SIC 48

DISTRIBUTION OF OCCUPATIONAL GROUPS



ANNUAL AVERAGE EMPLOYMENT

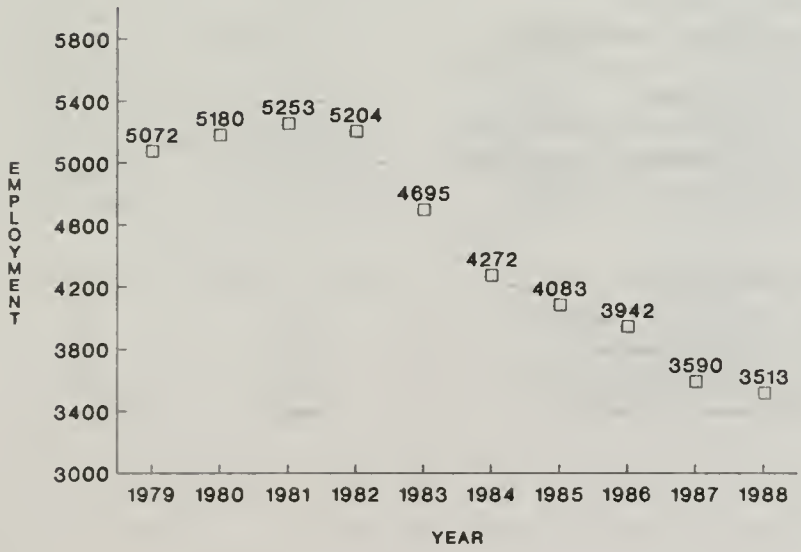


TABLE 5

INDUSTRY 48

COMMUNICATIONS

THIS MAJOR GROUP INCLUDES ESTABLISHMENTS FURNISHING POINT-TO-POINT COMMUNICATION SERVICES, WHETHER INTENDED TO BE RECEIVED AURALLY OR VISUALLY; AND RADIO AND TELEVISION BROADCASTING. SERVICES FOR THE EXCHANGE OR RECORDING OF MESSAGES ARE ALSO INCLUDED.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
FINANCIAL MANAGERS	30	.8	40
MRKTG, ADVERTISING, AND P/R MGRS.	30	.8	15
COMMUN, TRANSP, AND UTILITY MGRS.	50	1.4	45
GENERAL MANAGERS AND TOP EXEC.	150	4.2	24
ALL OTHER MANAGERS AND ADMIN.	20	.6	--
TOTAL MANAGERS AND ADMINISTRATORS	280	7.8	--
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	40	1.1	49
ALL OTHER ENGINEERS	30	.8	--
ELEC/ELECTRONIC ENGINEERING TECH.	80	2.2	49
WRITERS AND EDITORS	40	1.1	15
REPORTERS & CORRESPONDENTS	60	1.7	13
BROADCAST NEWS ANALYSTS	50	1.4	16
ANNOUNCERS, RADIO & TELEVISION	310	8.8	8
CAMERA OPERATORS, TV & MOTION PIC	40	1.1	13
BROADCAST TECHNICIANS	120	3.4	12
PRODUCERS, DIRECTORS,ENTERTAINERS	50	1.4	13
ALL OTHER PROF,PARAPROF,TECHNICAL	60	1.7	--
TOTAL PROFESSIONAL AND TECH.	880	24.7	--
3. SALES AND RELATED:			
SUPERVISORS, SALES AND RELATED	20	.6	43
SALES AGENTS, ADVERTISING	200	5.6	5
ALL OTHER SALES REPRESENTATIVE	80	2.2	--
TOTAL SALES AND RELATED	300	8.4	--

TABLE 5 (CONTINUED)

INDUSTRY 48

COMMUNICATIONS

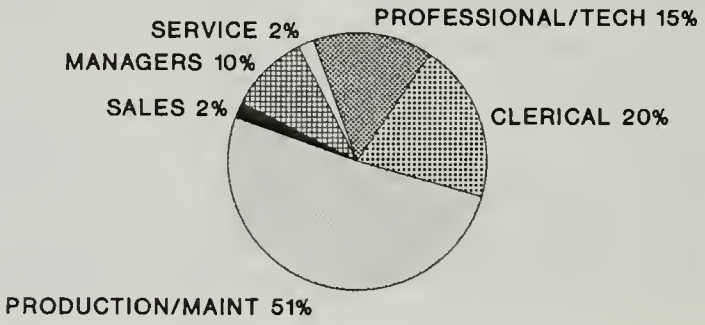
OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN SUPPORT	100	2.8	36
SECRETARIES	80	2.2	20
RECEPTIONISTS AND INFORMATION CLERKS	60	1.7	38
BOOKKEEPING AND ACCOUNTING CLERKS	100	2.8	42
GENERAL OFFICE CLERKS	100	2.8	35
COMPUTER OPERATORS	20	.6	36
ALL OTHER COMMUNICATIONS EQUIP OPERS.	360	10.1	--
ALL OTHER MATERIAL SCHED & DISTRIBUT.	20	.6	--
ALL OTHER CLERICAL & ADMIN SUPPORT	150	4.2	--
TOTAL CLERICAL AND ADMIN. SUPPORT	990	27.8	--
5. SERVICE:			
CLEANING & BUILDING SERVICE WORKERS	50	1.4	35
TOTAL SERVICE	50	1.4	--
6. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, MECHANICS,INSTALLERS&REPAIR	60	1.7	45
PBX INSTALLERS AND REPAIRERS	430	12.1	22
ALL OTHER COMMUNICATIONS MECHANICS	10	.3	--
TELEPHONE & CABLE INSTALLERS&REPAIR	370	10.4	38
ALL OTHER ELEC EQUIPMENT REPAIRERS	170	4.8	--
ALL OTHER MECHANICS,INSTALLERS,REPR	20	.6	--
TOTAL PROD, CONST, MAINT & HANDL	1,060	29.9	--
GRAND TOTAL OF INDUSTRY 48	3,560	100.0%	

ELECTRIC, GAS & SANITARY SERVICES

SIC 49

DISTRIBUTION OF OCCUPATIONAL GROUPS



ANNUAL AVERAGE EMPLOYMENT

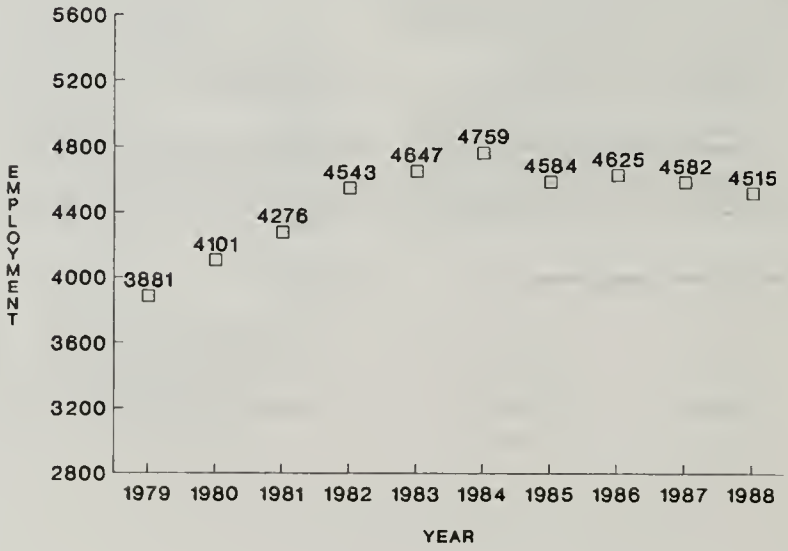


TABLE 6

INDUSTRY 49

ELECTRIC, GAS AND SANITARY SERVICES

THIS MAJOR GROUP INCLUDES ESTABLISHMENTS ENGAGED IN THE GENERATION, TRANSMISSION, AND/OR DISTRIBUTION OF ELECTRICITY OR GAS OR STEAM. SUCH ESTABLISHMENTS MAY BE COMBINATIONS OF ANY OF THE ABOVE THREE SERVICES AND ALSO INCLUDE OTHER TYPES OF SERVICES, SUCH AS TRANSPORTATION, COMMUNICATIONS, AND REFRIGERATION. WATER AND IRRIGATION SYSTEMS AS WELL AS SANITARY SYSTEMS AND COLLECTION ARE ALSO INCLUDED.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
FINANCIAL MANAGERS	40	.9	5
MARKETING,ADVERTISING & P/R MGRS	10	.2	--
ADMINISTRATIVE SERVICES MANAGERS	30	.7	4
ENGINEERING,MATH,NAT SCIENCE MGRS	100	2.2	--
COMMUN, TRANSP, AND UTILITY MGRS	170	3.7	--
GENERAL MANAGERS AND TOP EXEC.	80	1.7	10
ALL OTHER MANAGERS AND ADMIN.	30	.7	--
TOTAL MANAGERS AND ADMINISTRATORS	460	10.1	--

TABLE 6 (CONTINUED)

INDUSTRY 49

ELECTRIC, GAS AND SANITARY SERVICES

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	130	3.0	6
BUDGET ANALYSTS	10	.2	--
PERSONNEL AND RELATED SPECIALISTS	10	.2	--
ALL OTHER MGMT. SUPPORT WORKERS	50	1.1	5
CIVIL ENGINEERS, INCLUDING TRAFFIC	30	.7	26
ELECTRICAL & ELECTRONIC ENGINEERS	140	3.2	3
SAFETY ENGINEERS, EXCEPT MINING	10	.2	--
MECHANICAL ENGINEERS	10	.2	--
ALL OTHER ENGINEERS	10	.2	--
SURVEYING & MAPPING SCIENTISTS	10	.2	--
CIVIL ENGINEERING TECHNICIANS	10	.2	--
ELEC & ELECTRON ENGINEERING TECHN	50	1.1	--
DRAFTERS	10	.2	22
ESTIMATORS & DRAFTERS, UTILITIES	60	1.3	4
SURVEYING & MAPPING TECHNICIANS	10	.2	--
ALL OTHER ENGINEERING TECHNICIANS	10	.2	--
ALL OTHER PHYSICAL SCIENTISTS	10	.2	--
SYSTEMS ANALYSTS, ELEC. DATA PROCESS.	10	.2	--
COMPUTER PROGRAMMERS	20	.4	5
COMPUTER PROGRAMER AIDES	20	.4	4
LAWYERS	10	.2	--
FARM AND HOME MANAGEMENT ADVISORS	30	.7	--
PUBLIC RELATIONS SPECIALISTS	10	.2	10
ALL OTHER PROF,PARAPROF,TECHNICAL	30	.7	--
TOTAL PROFESSIONAL AND TECH.	700	15.4	--

TABLE 6 (CONTINUED)

INDUSTRY 49

ELECTRIC, GAS AND SANITARY SERVICES

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
3. SALES AND RELATED:			
SUPERVISORS, SALES & RELATED	30	.7	--
CASHIERS	60	1.3	25
TOTAL SALES AND RELATED	90	2.0	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN SUPPORT	50	1.1	17
ADJUSTMENT CLERKS	20	.4	--
BILL AND ACCOUNT COLLECTORS	20	.4	13
SECRETARIES	60	1.4	11
STENOGRAPHERS	20	.4	5
RECEPTIONISTS AND INFORMATION CLERKS	20	.4	5
TYPISTS	50	1.1	5
TYPISTS, WORD PROCESSING EQUIPMENT	50	1.1	5
PERSONNEL CLERKS, EXCEPT PAYROLL	10	.2	--
STATISTICAL CLERKS	10	.2	--
CUSTOMER SERVICE REP'S, UTILITIES	60	1.4	13
BOOKKEEPING AND ACCOUNTING CLERKS	110	2.5	8
PAYROLL AND TIMEKEEPING CLERKS	20	.4	--
BILLING, COST AND RATE CLERKS	30	.7	20
GENERAL OFFICE CLERKS	110	2.5	37
BILLING,POSTING,CALC MACHINE OPER'S.	20	.4	46
COMPUTER OPERATORS	20	.4	5
DATA ENTRY KEYERS	10	.2	--
SWITCHBOARD OPERATORS	20	.4	--
METER READERS, UTILITIES	150	3.3	6
STOCK CLERKS, STOCKROOM & WAREHOUSE	30	.7	15
ALL OTHER CLERICAL & ADMIN SUPPORT	20	.4	--
TOTAL CLERICAL AND ADMIN. SUPPORT	910	20.0	--
5. SERVICE:			
GUARDS AND WATCH GUARDS	40	.9	5
CLEANING & BUILDING SERVICE WORKERS	40	.9	10
TOTAL SERVICE	80	1.8	--

ELECTRIC, GAS AND SANITARY SERVICES

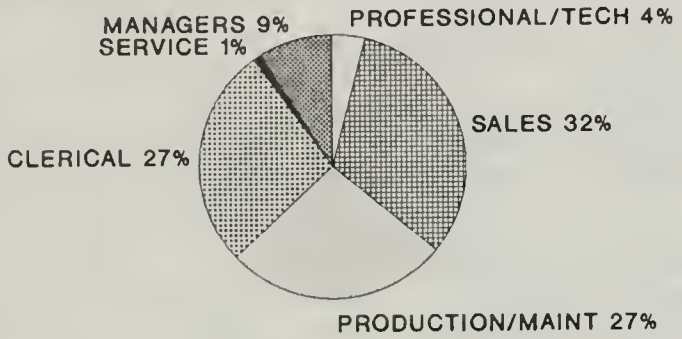
OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
6. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, MECHANICS,INSTALLERS&REPAIR	240	5.3	5
SUPERVR, CONSTRUCTION AND RELATED	30	.7	15
SUPERVR, ALL OTHER	40	.9	16
MAINTENANCE MECHANIC,WATER/POWER PLANTS	90	2.0	11
ALL OTHER MACHINERY MAINT. MECHANICS	60	1.3	5
MACHINERY MAINTENANCE WORKERS	20	.4	5
MAINTENANCE REPAIRERS, GEN. UTILITY	70	1.5	37
AUTOMOTIVE MECHANICS	30	.7	12
ELECTRIC MOTOR AND RELATED REPAIRERS	20	.4	5
POWERHOUSE,AND RELAY ELECTRICIANS	10	.2	--
ELECTRICAL POWERLINE INSTALLERS&REPR	450	9.9	2
ALL OTHER ELECTRICAL EQUIP MECHANICS	50	1.1	16
ELECTRIC METER INSTALLERS & REPAIR	40	.9	3
GAS APPLIANCE REPAIRERS	30	.7	44
ALL OTHER MECHANICS,INSTALLERS,REPR	60	1.3	--
ELECTRICIANS	10	.2	37
PLUMBERS AND PIPEFITTERS	90	2.0	34
PIPELAYING FITTERS	10	.2	--
PIPELAYERS	40	.9	14
MACHINISTS	30	.7	4
ALL OTHER PRECISION WORKERS	30	.7	11
WELDERS & CUTTERS	40	.9	17
WASTE TREATMENT PLANT OPERATORS	30	.7	48
GAS PLANT OPERATORS	30	.7	22
POWER GENERATING PLANT OPERATORS	180	3.9	2
AUXILIARY POWER EQUIP OPERATORS	30	.7	13
POWER DISTRIBUTORS & DISPATCHERS	30	.7	8
STATIONARY ENGINEERS	10	.2	44
ALL OTHER PLANT & SYSTEM OPERATORS	40	.9	22
HEAVY TRUCK DRIVERS, INCL SEMI'S	10	.2	18
LIGHT TRUCK DRIVERS,INCL DELIVERY	20	.4	33
GAS PUMPING STATION OPERATORS	40	.9	14
INDUSTRIAL TRUCK & TRACTOR OPERATORS	10	.2	--
OPERATING ENGINEERS	60	1.2	20
ALL OTHER MATERIAL MOVING EQUIP OPER	30	.7	--
HELPERS - ELECTRICIANS	30	.7	4
HELPERS - ALL OTHER CONSTUCTION TRADE	50	1.1	5
REFUSE COLLECTORS	170	3.7	13
ALL OTHER HELPERS,LABORERS,HAND WORK	40	.9	4
TOTAL PROD, CONST, MAINT & HANDL	2,300	50.7	
	---	---	
GRAND TOTAL OF INDUSTRY 49	4,540	100.0%	

WHOLESALE TRADE - DURABLE GOODS

SIC 50

DISTRIBUTION OF OCCUPATIONAL GROUPS



ANNUAL AVERAGE EMPLOYMENT

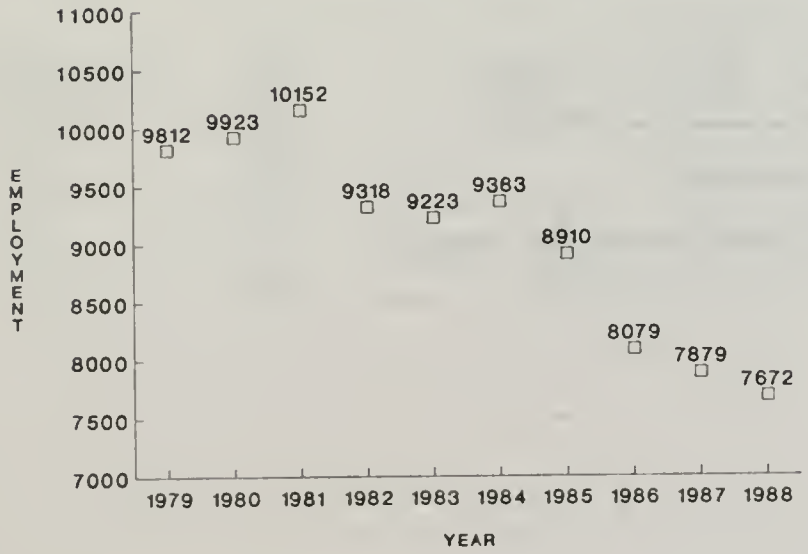


TABLE 7

INDUSTRY 50

WHOLESALE TRADE - DURABLE GOODS

THIS MAJOR GROUP INCLUDES ESTABLISHMENTS PRIMARILY ENGAGED IN THE WHOLESALE DISTRIBUTION OF DURABLE GOODS.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
PURCHASING MANAGERS	100	1.3	23
GENERAL MANAGERS AND TOP EXECUTIVES	630	8.0	6
ALL OTHER MANAGERS AND ADMIN.	10	.1	--
TOTAL MANAGERS AND ADMINISTRATIVE	740	9.4	--
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	70	.9	18
WHOLESALE/RETAIL BUYERS EXCEPT FARM	140	1.8	14
PURCHASING AGENTS/BUYERS FARM PRODS	10	.1	40
ELEC/ELECTRONIC ENGINEERING TECH.	100	1.3	46
COMPUTER PROGRAMMERS	20	.2	28
ALL OTHER PROF,PARAPROF,TECHNICAL	10	.1	--
TOTAL PROFESSIONAL AND TECH.	350	4.4	--
3. SALES AND RELATED:			
SUPERVISORS, SALES & RELATED	260	3.3	10
SALES REPS, SCIENTIFIC & RELATED	270	3.4	18
SALES REPS, EXCEPT SCIENTIFIC	870	11.1	10
RETAIL SALESPERSONS	310	3.9	16
PARTS SALESPERSONS	730	9.2	5
STOCK CLERKS, SALES FLOOR	60	.8	21
ALL OTHER SALES AND RELATED WORKERS	10	.1	--
TOTAL SALES AND RELATED	2,510	31.8	--

TABLE 7 (CONTINUED)

INDUSTRY 50

WHOLESALE TRADE - DURABLE GOODS

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN SUPPORT	180	2.3	21
BILL AND ACCOUNT COLLECTORS	30	.4	21
SECRETARIES	280	3.5	17
RECEPTIONISTS AND INFORMATION CLERKS	60	.8	21
TYPISTS	10	.1	43
TYPIST, WORD PROCESSING EQUIPMENT	10	.1	38
ORDER CLERKS, MERCHANDISE AND SERVICE	90	1.1	44
BOOKKEEPING AND ACCOUNTING CLERKS	370	4.7	7
BILLING, COST AND RATE CLERKS	90	1.1	19
GENERAL OFFICE CLERKS	360	4.6	15
BILLING, POST., AND CALC. MACH. OPERS	40	.5	24
COMPUTER OPERATORS	30	.4	30
ALL OTHER OFFICE MACHINE OPERATORS	30	.4	--
STOCK CLERKS, STOCKROOM & WAREHOUSE	160	2.0	28
ORDER FILLERS, WHOLESALE & RETAIL	160	2.0	23
TRAFFIC, SHIPPING & RECEIVING CLERKS	170	2.2	24
ALL OTHER CLERICAL & ADMIN SUPPORT	20	.2	--
TOTAL CLERICAL AND ADMIN. SUPPORT	2,090	26.4	--
5. SERVICE:			
JANITORS AND CLEANERS	70	.9	27
TOTAL SERVICE	70	.9	--

TABLE 7 (CONTINUED)

INDUSTRY 50

WHOLESALE TRADE - DURABLE GOODS

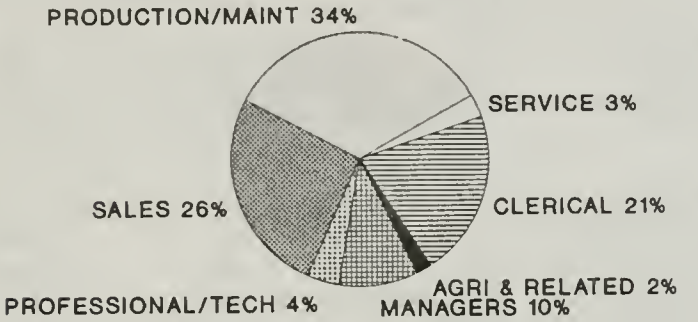
OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
6. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, MECHANICS,INSTALLERS&REPAIR	80	1.0	16
SUPERVISORS, ALL OTHER	20	.3	--
MAINTENANCE REPAIRERS, GEN. UTILITY	50	.6	29
AUTOMOTIVE MECHANICS	200	2.5	20
AUTOMOTIVE BODY & RELATED REPAIRERS	10	.1	41
BUS,TRUCK & DIESEL ENGINE MECHANICS	170	2.2	21
MOBILE HEAVY EQUIPMENT MECHANICS	130	1.6	20
FARM EQUIPMENT MECHANICS	220	2.9	13
ALL OTHER ELEC EQUIPMENT REPAIRERS	70	.9	--
OFFICE MACHINE & CASH REGISTER RPR.	80	1.0	32
TIRE REPAIRERS AND CHANGERS	10	.1	--
ALL OTHER MECHANICS,INSTALLERS,REPR	80	1.0	--
ALL OTHER CONSTRUCTION TRADES WORKER	30	.4	--
MACHINISTS	90	1.1	35
ALL OTHER PRECISION WORKERS	90	1.1	--
ALL OTHER MACHINE OPERATORS&TENDERS	10	.1	--
WELDERS & CUTTERS	40	.5	36
ASSEMBLERS AND FABRICATORS, OTHER	70	.9	39
HEAVY TRUCK DRIVERS, INCL SEMI'S	100	1.3	24
LIGHT TRUCK DRIVERS, INCL DELIVERY	190	2.4	14
DRIVER/SALES WORKERS	50	.6	26
SERVICE STATION ATTENDANTS	20	.3	--
ALL OTHER TRANSPORTATION RELATED WRK	30	.4	--
ALL OTHER MATERIAL MOVING EQUIP OPER	10	.1	--
ALL OTHER FREIGHT & MATERIAL MOVERS	110	1.4	21
ALL OTHER HELPERS,LABORERS,HAND WORK	180	2.3	--
TOTAL PROD, CONST, MAINT & HANDL	2,140	27.1	--
GRAND TOTAL OF INDUSTRY 50	7,900	100.0%	

WHOLESALE TRADE - NONDURABLE GOODS

SIC 51

DISTRIBUTION OF OCCUPATIONAL GROUPS



ANNUAL AVERAGE EMPLOYMENT

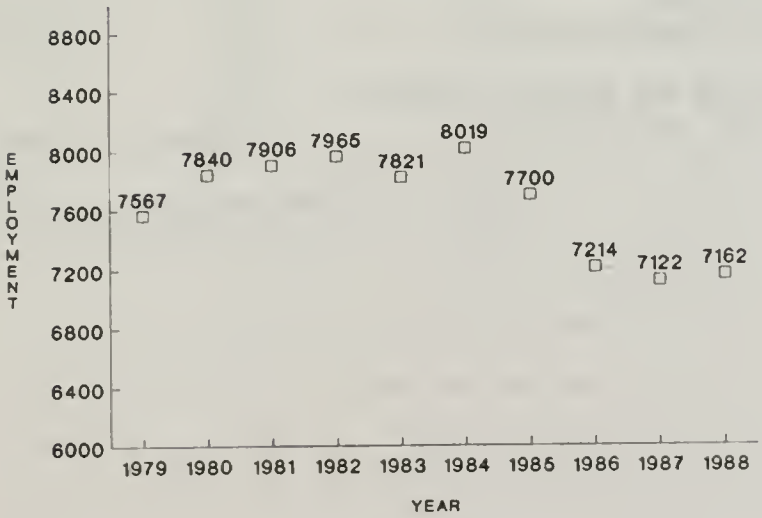


TABLE 8

INDUSTRY 51

WHOLESALE TRADE - NONDURABLE GOODS

THIS MAJOR GROUP INCLUDES ESTABLISHMENTS PRIMARILY ENGAGED IN THE WHOLESALE DISTRIBUTION OF NONDURABLE GOODS.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
PURCHASING MANAGERS	140	1.9	16
GENERAL MANAGERS AND TOP EXEC.	610	8.5	7
TOTAL MANAGERS AND ADMINISTRATORS	750	10.4	--
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	60	.8	20
WHOLESALE/RETAIL BUYERS EXCEPT FARM	60	.8	32
PURCHASING AGENTS/BUYERS FARM PRODS	100	1.5	21
ALL OTHER PROF,PARAPROF,TECHNICAL	60	.8	--
TOTAL PROFESSIONAL AND TECH.	280	3.9	--
3. SALES AND RELATED:			
SUPERVISORS, SALES & RELATED	280	3.9	10
SALES REPS, EXCEPT SCIENTIFIC	740	10.3	13
RETAIL SALESPERSONS	300	4.1	21
PARTS SALESPERSONS	30	.4	35
STOCK CLERKS, SALES FLOOR	130	1.8	23
CASHIERS	160	2.2	24
ALL OTHER SALES AND RELATED WORKERS	270	3.7	--
TOTAL SALES AND RELATED	1,910	26.4	--

TABLE 8 (CONTINUED)

INDUSTRY 51

WHOLESALE TRADE - NONDURABLE GOODS

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN SUPPORT	100	1.4	20
BILL AND ACCOUNT COLLECTORS	20	.3	30
SECRETARIES	170	2.3	18
RECEPTIONIST AND INFORMATION CLERKS	30	.4	29
ORDER CLERKS, MERCHANDISE AND SERVICE	120	1.6	21
BOOKKEEPING AND ACCOUNTING CLERKS	400	5.5	9
BILLING, COST AND RATE CLERKS	50	.7	37
GENERAL OFFICE CLERKS	250	3.5	16
BILLING, POST., AND CALC. MACH. OPERS	40	.6	37
COMPUTER OPERATORS	40	.6	22
DATA ENTRY KEYERS	20	.3	33
STOCK CLERKS, STOCKROOM & WAREHOUSE	100	1.4	27
ORDER FILLERS, WHOLESALE & RETAIL	120	1.6	31
TRAFFIC, SHIPPING & RECEIVING CLERKS	60	.8	22
ALL OTHER CLERICAL & ADMIN SUPPORT	10	.1	--
TOTAL CLERICAL AND ADMIN. SUPPORT	1,530	21.1	--
5. SERVICE:			
ALL OTHER FOOD SERVICE WORKERS	120	1.7	--
JANITORS AND CLEANERS	60	.8	26
TOTAL SERVICE	180	2.5	--
6. AGRICULTURAL AND RELATED:			
NURSERY WORKERS	40	.5	40
GRADERS & SORTERS,AGRICULTURE PRODUCTS	100	1.4	47
TOTAL AGRICULTURAL AND RELATED	140	1.9	--

TABLE 8 (CONTINUED)

INDUSTRY 51

WHOLESALE TRADE - NONDURABLE GOODS

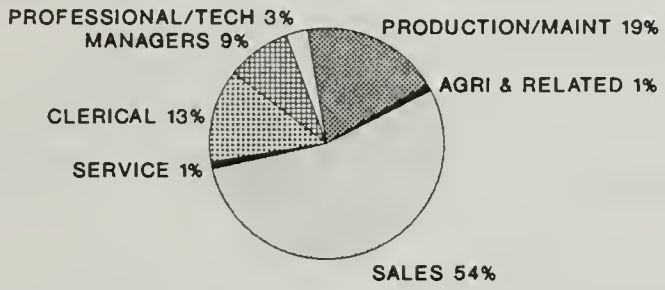
OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
7. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, MECHANICS,INSTALLERS&REPAIR	30	.4	31
ALL OTHER INSPECTORS,TESTERS&RELATED	10	.1	--
MAINTENANCE REPAIRERS, GEN. UTILITY	50	.7	33
AUTOMOTIVE MECHANICS	90	1.2	30
BUS,TRUCK & DIESEL ENGINE MECHANICS	10	.1	42
ALL OTHER PRECISION WORKERS	10	.1	--
ALL OTHER MACHINE OPERATORS&TENDERS	100	1.4	--
HEAVY TRUCK DRIVERS, INCL SEMI'S	500	6.9	13
LIGHT TRUCK DRIVERS, INCL DELIVERY	320	4.4	14
DRIVER/SALES WORKERS	690	9.6	20
SERVICE STATION ATTENDANTS	170	2.3	17
ALL OTHER TRANSPORTATION WORKERS	30	.4	--
CONVEYOR OPERATORS AND TENDERS	40	.6	40
ALL OTHER FREIGHT & MATERIAL MOVERS	250	3.5	20
HAND PACKERS & PACKAGERS	20	.3	46
ALL OTHER HELPERS,LABORERS,HAND WORK	130	1.8	--
TOTAL PROD, CONST, MAINT & HANDL	2,450	33.8	--
GRAND TOTAL OF INDUSTRY 51	7,240	100.%	

BUILDING MATERIALS, HARDWARE, GARDEN SUPPLIES & MOBILE HOMES

SIC 52

DISTRIBUTION OF OCCUPATIONAL GROUPS



ANNUAL AVERAGE EMPLOYMENT

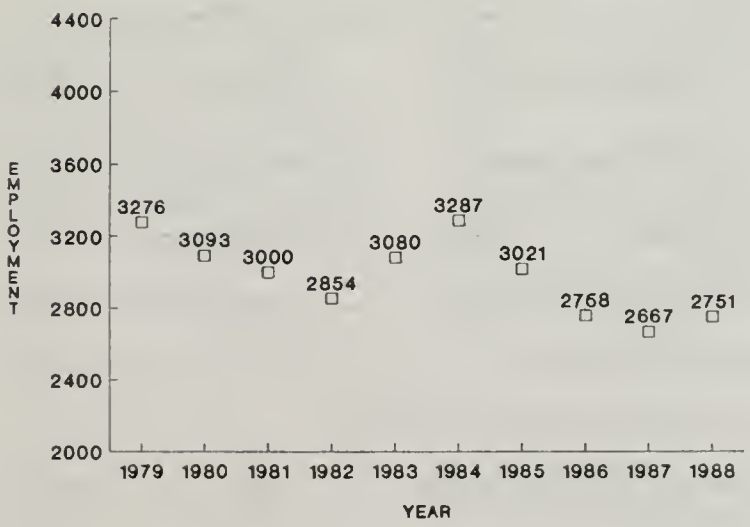


TABLE 9

INDUSTRY 52

BUILDING MATERIALS, HARDWARE, GARDEN SUPPLY, AND MOBILE HOME DEALERS

THIS MAJOR GROUP INCLUDES RETAIL ESTABLISHMENTS PRIMARILY ENGAGED IN SELLING LUMBER AND OTHER BUILDING MATERIALS, PAINT, GLASS AND WALL-PAPER, HARDWARE, NURSERY STOCK, LAWN AND GARDEN SUPPLIES, AND MOBILE HOMES. IT INCLUDES LUMBER AND OTHER BUILDING MATERIALS DEALERS AND PAINT, GLASS AND WALLPAPER STORES SELLING TO THE GENERAL PUBLIC, EVEN IF SALES TO CONTRACTORS ACCOUNT FOR A LARGER PROPORTION OF TOTAL SALES. THESE ESTABLISHMENTS ARE KNOWN AS "RETAIL" IN THE TRADE. ESTABLISHMENTS PRIMARILY SELLING THESE PRODUCTS BUT NOT SELLING TO THE GENERAL PUBLIC ARE CLASSIFIED IN WHOLESALE TRADE. ESTABLISHMENTS PRIMARILY SELLING PLUMBING, HEATING AND AIR CONDITIONING EQUIPMENT AND ELECTRICAL SUPPLIES ARE CLASSIFIED IN WHOLESALE TRADE.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
PURCHASING MANAGERS	60	2.0	16
GENERAL MANAGERS AND TOP EXEC.	210	7.1	6
TOTAL MANAGERS AND ADMINISTRATORS	270	9.1	--
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	10	.3	24
WHOLESALE/RETAIL BUYERS EXCEPT FARM	50	1.8	14
COST ESTIMATORS	30	1.0	23
ALL OTHER PROF,PARAPROF,TECHNICAL	10	.3	--
TOTAL PROFESSIONAL AND TECH.	100	3.4	--
3. SALES AND RELATED:			
SUPERVISORS, SALES & RELATED	160	5.4	10
SALES REPS, EXCEPT SCIENTIFIC	40	1.4	26
RETAIL SALESPERSONS	950	32.2	4
COUNTER AND RENTAL CLERKS	20	.7	26
STOCK CLERKS, SALES FLOOR	180	6.1	11
CASHIERS	230	7.8	--
TOTAL SALES AND RELATED	1,580	53.6	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SECRETARIES	50	1.8	15
BOOKKEEPING AND ACCOUNTING CLERKS	170	5.8	8
BILLING, COST AND RATE CLERKS	10	.3	31
GENERAL OFFICE CLERKS	50	1.7	13
COMPUTER OPERATORS	10	.3	25
STOCK CLERKS, STOCKROOM & WAREHOUSE	60	2.0	16
TRAFFIC, SHIPPING & RECEIVING CLERKS	30	1.0	16
TOTAL CLERICAL AND ADMIN. SUPPORT	380	12.9	--

TABLE 9 (CONTINUED)

INDUSTRY 52

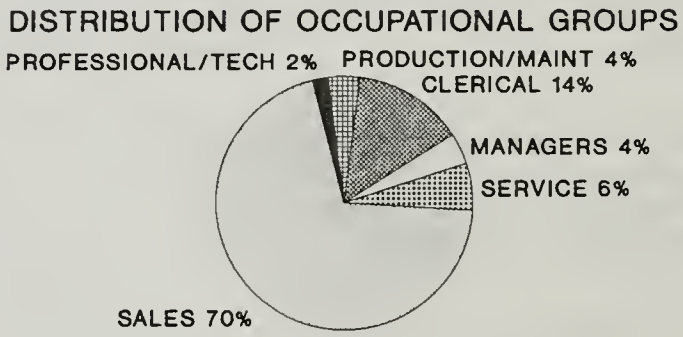
BUILDING MATERIALS, HARDWARE, GARDEN SUPPLY, AND MOBILE HOME DEALERS

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
5. SERVICE:			
JANITORS AND CLEANERS	30	1.0	14
TOTAL SERVICE	30	1.0	--
6. AGRICULTURAL AND RELATED:			
GARDENERS & GROUNDSKEEPERS,EXCEPT FARM	10	.3	28
ALL OTHER AGRICULTURAL AND REL WORKERS	30	1.1	--
TOTAL AGRICULTURAL AND RELATED	40	1.4	--
7. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, MECHANICS,INSTALLERS&REPAIR	10	.3	28
MAINTENANCE REPAIRERS, GEN. UTILITY	60	2.0	16
SMALL ENGINE REPAIR SPECIALISTS	50	1.8	26
MANUF BUILDG,HOMES&TRAILER INSTALLR	20	.7	35
ALL OTHER MECHANICS,INSTALLERS,REPR	10	.3	--
CARPENTERS	10	.3	43
GLAZIERS	70	2.4	16
ALL OTHER CONSTRUCTION TRADES WORKER	30	1.0	--
ASSEMBLERS AND FABRICATORS, OTHER	60	2.0	26
HEAVY TRUCK DRIVERS, INCL SEMI'S	70	2.4	25
LIGHT TRUCK DRIVERS, INCL DELIVERY	100	3.4	14
INDUSTRIAL TRUCK & TRACTOR OPERATORS	30	1.0	31
ALL OTHER FREIGHT & MATERIAL MOVERS	20	.7	19
ALL OTHER HELPERS,LABORERS,HAND WORK	10	.3	--
TOTAL PROD, CONST, MAINT & HANDL	550	18.6	--
GRAND TOTAL OF INDUSTRY 52	2,950	100.0%	

GENERAL MERCHANDISE STORES

SIC 53



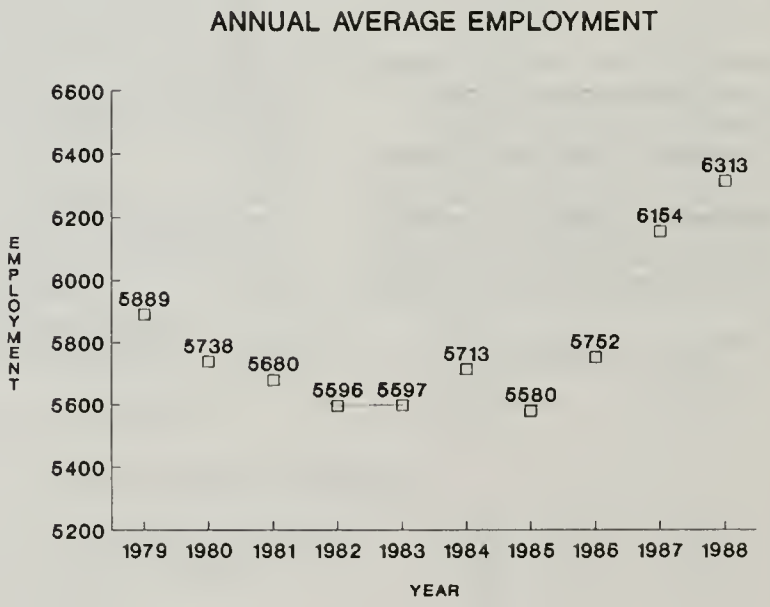


TABLE 10

INDUSTRY 53

GENERAL MERCHANDISE STORES

THIS MAJOR GROUP INCLUDES RETAIL STORES WHICH SELL A NUMBER OF LINES OF MERCHANDISE, SUCH AS DRY GOODS, APPAREL AND ACCESSORIES, FURNITURE AND HOME FURNISHINGS, SMALL WARES, HARDWARE AND FOOD. THE STORES INCLUDED IN THIS GROUP ARE KNOWN AS DEPARTMENT STORES, VARIETY STORES, GENERAL MERCHANDISE STORES, GENERAL STORES, ETC. ESTABLISHMENTS PRIMARILY ENGAGED IN SELLING USED GENERAL MERCHANDISE ARE CLASSIFIED IN GROUP 59, AND THOSE SELLING GENERAL MERCHANDISE BY MAIL, VENDING MACHINE, OR DIRECT SELLING IN GROUP 59.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
PURCHASING MANAGERS	50	.8	28
MRKTG, ADVERTISING & P/R MANAGERS	40	.6	41
GENERAL MANAGERS AND TOP EXEC.	170	2.7	13
ALL OTHER MANAGERS AND ADMIN.	10	.2	--
TOTAL MANAGERS AND ADMINISTRATORS	270	4.3	--
2. PROFESSIONAL AND TECHNICAL:			
WHOLESALE/RETAIL BUYERS EXCEPT FARM	50	.8	31
PERSONNEL AND RELATED SPECIALISTS	30	.5	16
MERCHANDISE DISPLAYER,INCL WINDOW	40	.6	22
ALL OTHER PROF,PARAPROF,TECHNICAL	10	.2	--
TOTAL PROFESSIONAL AND TECH.	130	2.1	--
3. SALES AND RELATED:			
SUPERVISORS, SALES & RELATED	320	5.2	8
RETAIL SALESPERSONS	2,210	35.6	10
COUNTER AND RENTAL CLERKS	60	1.0	16
STOCK CLERKS, SALES FLOOR	1,050	16.9	15
CASHIERS	610	9.9	13
ALL OTHER SALES AND RELATED WORKERS	100	1.6	17
TOTAL SALES AND RELATED	4,350	70.2	--

TABLE 10 (CONTINUED)

INDUSTRY 53

GENERAL MERCHANDISE STORES

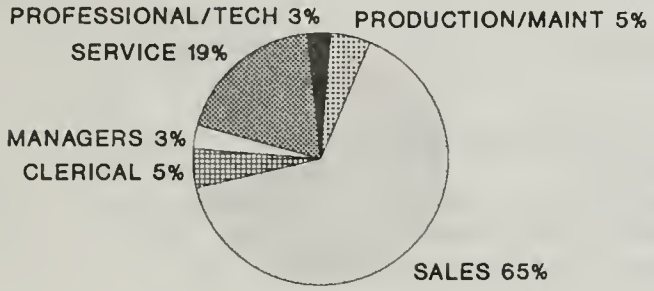
OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN SUPPORT	60	1.0	29
ADJUSTMENT CLERKS	110	1.8	14
SECRETARIES	20	.3	31
BOOKKEEPING AND ACCOUNTING CLERKS	100	1.6	14
GENERAL OFFICE CLERKS	200	3.2	10
MARKING CLERKS	100	1.6	18
STOCK CLERKS, STOCKROOM & WAREHOUSE	170	2.7	15
TRAFFIC, SHIPPING & RECEIVING CLERKS	80	1.3	25
ALL OTHER MATERIAL SCHED & DISTRIBUT.	10	.2	--
ALL OTHER CLERICAL & ADMIN SUPPORT	10	.2	27
TOTAL CLERICAL AND ADMIN. SUPPORT	860	13.9	--
5. SERVICE:			
SUPERVISORS, ALL OTHER SERVICE	20	.3	24
DETECTIVES & INVESTIGATORS	30	.5	21
GUARDS & WATCH GUARDS	20	.3	45
WAITERS AND WAITRESSES	40	.6	32
LUNCHROOM/CAFETERIA COUNTER ATTENDANTS	80	1.3	37
FOOD PREPARATION WORKERS	30	.5	21
ALL OTHER FOOD SERVICE WORKERS	10	.2	--
PHARMACY ASSISTANTS	10	.2	29
JANITORS AND CLEANERS	120	1.9	12
ALL OTHER SERVICE WORKERS	10	.2	31
TOTAL SERVICE	370	6.0	--
6. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
AUTOMOTIVE MECHANICS	90	1.3	26
ALL OTHER MECHANICS,INSTALLERS,REPR	10	.2	--
ALL OTHER PRECISION WORKERS	10	.2	--
ALL OTHER MACHINE OPERATORS&TENDERS	10	.2	--
HEAVY TRUCK DRIVER, INCL SEMI'S	10	.2	48
ALL OTHER TRANSPORTATION RELATED WRK	20	.3	--
ALL OTHER FREIGHT & MATERIAL MOVERS	70	1.1	45
TOTAL PROD, CONST, MAINT & HANDL	220	3.5	--
GRAND TOTAL OF INDUSTRY 53	6,200	100.0%	

FOOD STORES

SIC 54

DISTRIBUTION OF OCCUPATIONAL GROUPS



ANNUAL AVERAGE EMPLOYMENT

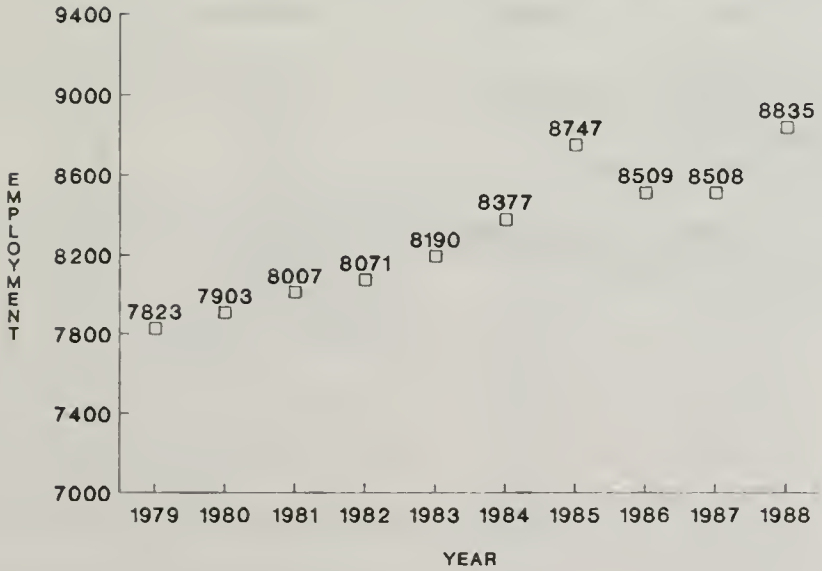


TABLE 11

INDUSTRY 54

FOOD STORES

THIS MAJOR GROUP INCLUDES RETAIL STORES PRIMARILY ENGAGED IN SELLING FOOD FOR HOME PREPARATION AND CONSUMPTION. ESTABLISHMENTS PRIMARILY ENGAGED IN SELLING PREPARED FOODS AND DRINKS FOR CONSUMPTION ON THE PREMISES ARE CLASSIFIED IN INDUSTRY 58, AND STORES PRIMARILY ENGAGED IN SELLING PACKAGED BEERS AND LIQUORS IN INDUSTRY 59.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
PURCHASING MANAGERS	130	1.4	36
GENERAL MANAGERS AND TOP EXEC.	180	2.0	21
ALL OTHER MANAGERS AND ADMIN.	10	.1	--
TOTAL MANAGERS AND ADMINISTRATORS	320	3.5	--
2. PROFESSIONAL AND TECHNICAL:			
ALL OTHER FINANCIAL SPECIALISTS	20	.2	--
WHOLESALE/RETAIL BUYERS EXCEPT FARM	170	1.9	28
PHARMACISTS	60	.7	25
ALL OTHER PROF,PARAPROF,TECHNICAL	30	.3	--
TOTAL PROFESSIONAL AND TECH.	280	3.1	--
3. SALES AND RELATED:			
SUPERVISORS, SALES & RELATED	400	4.5	13
RETAIL SALESPERSONS	570	6.3	26
STOCK CLERKS, SALES FLOOR	1,650	18.3	9
CASHIERS	2,880	31.9	6
ALL OTHER SALES AND RELATED WORKERS	320	3.5	3
TOTAL SALES AND RELATED	5,820	64.5	--

TABLE 11 (CONTINUED)

INDUSTRY 54

FOOD STORES

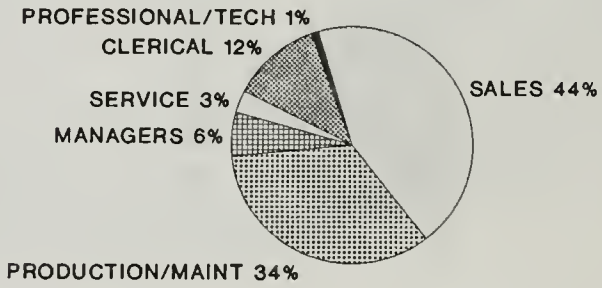
OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SECRETARIES	50	.6	41
TYPISTS	60	.7	--
BOOKKEEPING AND ACCOUNTING CLERKS	190	2.1	18
ALL OTHER OFFICE MACHINE OPERATORS	10	.1	--
ORDER FILLERS, WHOLESALE & RETAIL	30	.3	--
TRAFFIC, SHIPPING & RECEIVING CLERKS	10	.1	32
ALL OTHER MATERIAL SCHED & DISTRIBUT	30	.3	--
ALL OTHER CLERICAL & ADMIN SUPPORT	50	.6	--
TOTAL CLERICAL AND ADMIN. SUPPORT	430	4.8	--
5. SERVICE:			
SUPERVISORS, ALL OTHER SERVICE	110	1.2	--
DETECTIVES & INVESTIGATORS	10	.1	24
BAKERS, BREAD AND PASTRY	350	3.9	28
BUTCHERS AND MEAT CUTTERS	450	5.0	10
COOKS, SHORT ORDER	50	.6	32
FOOD PREPARATION WORKERS	190	2.1	25
ALL OTHER FOOD SERVICE WORKERS	350	3.8	--
JANITORS AND CLEANERS	170	1.9	23
HAIRDRESSERS & COSMETOLOGISTS	30	.3	--
TOTAL SERVICE	1,710	18.9	--
6. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
BUS, TRUCK & DIESEL ENGINE MECHANICS	10	.1	--
ALL OTHER MECHANICS,INSTALLERS,REPR	20	.2	--
PACKAGING & FILLING MACHINE OPERATORS	40	.5	46
ALL OTHER MACHINE OPERATORS	10	.1	--
HEAVY TRUCK DRIVERS, INCL SEMI'S	30	.3	--
DRIVER/SALES WORKERS	20	.2	45
ALL OTHER FREIGHT & MATERIAL MOVERS	320	3.6	30
HAND PACKERS & PACKAGERS	20	.2	48
TOTAL PROD, CONST, MAINT & HANDL	470	5.2	--
GRAND TOTAL OF INDUSTRY 54	9,030	100.0%	

AUTOMOTIVE DEALERS AND GASOLINE SERVICE STATIONS

SIC 55

DISTRIBUTION OF OCCUPATIONAL GROUPS



ANNUAL AVERAGE EMPLOYMENT

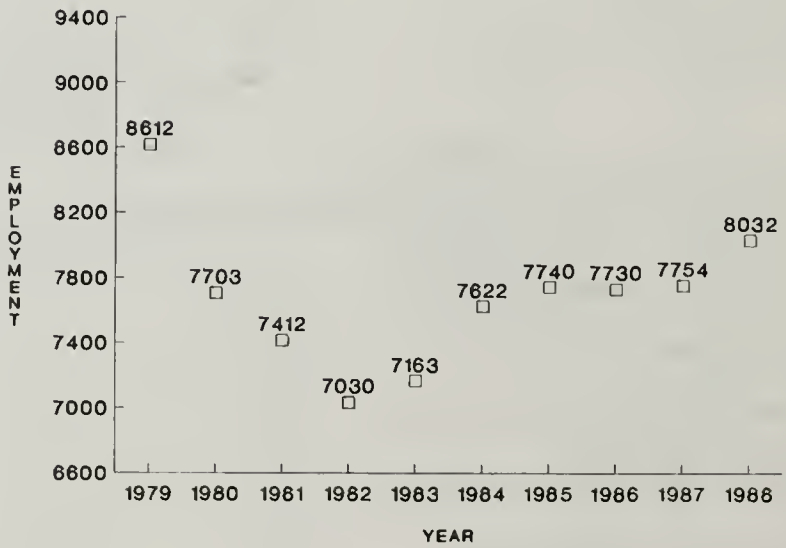


TABLE 12

INDUSTRY 55

AUTOMOTIVE DEALERS AND GASOLINE SERVICE STATIONS

THIS MAJOR GROUP INCLUDES RETAIL DEALERS SELLING NEW AND USED AUTOMOBILES, BOATS, RECREATIONAL AND UTILITY TRAILERS, AND MOTORCYCLES; THOSE SELLING NEW AUTOMOBILE PARTS AND ACCESSORIES; AND GASOLINE SERVICE STATIONS. THIS GROUP INCLUDES ESTABLISHMENTS DEALING IN USED AUTOMOBILES EXCLUSIVELY, BUT NOT ESTABLISHMENTS DEALING EXCLUSIVELY IN USED PARTS. AUTOMOBILE REPAIR SHOPS MAINTAINED BY THE ESTABLISHMENT ENGAGED IN THE SALE OF NEW AUTOMOBILES ARE ALSO INCLUDED. AUTOMOBILE DISTRIBUTORS, THE GREATER PART OF WHOSE SALES ARE TO DEALERS OR TO INSTITUTIONAL OR INDUSTRIAL USERS, ARE CLASSIFIED IN WHOLESALE TRADE.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
MRKTG, ADVERTISING, AND P/R MGRS.	120	1.5	18
GENERAL MANAGERS AND TOP EXEC.	390	4.7	9
TOTAL MANAGERS AND ADMINISTRATORS	510	6.2	--
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	50	.6	20
TOTAL PROFESSIONAL AND TECH.	50	.6	--
3. SALES AND RELATED:			
SUPERVISORS, SALES & RELATED	490	6.0	9
RETAIL SALESPERSONS	1,000	12.1	7
PARTS SALESPERSONS	570	6.9	6
CASHIERS	1,540	18.6	9
ALL OTHER SALES AND RELATED WORKERS	10	.1	--
TOTAL SALES AND RELATED	3,610	43.7	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN SUPPORT	130	1.6	14
SECRETARIES	150	1.8	15
BOOKKEEPING AND ACCOUNTING CLERKS	410	5.0	9
BILLING, COST AND RATE CLERKS	50	.6	20
GENERAL OFFICE CLERKS	150	1.8	20
ALL OTHER OFFICE MACHINE OPERATORS	10	.1	--
DISPATCHERS, EXCEPT POLICE, FIRE&AMBL	10	.1	42
STOCK CLERKS, STOCKROOM & WAREHOUSE	60	.7	26
TOTAL CLERICAL AND ADMIN. SUPPORT	970	11.7	--

TABLE 12 (CONTINUED)

INDUSTRY 55

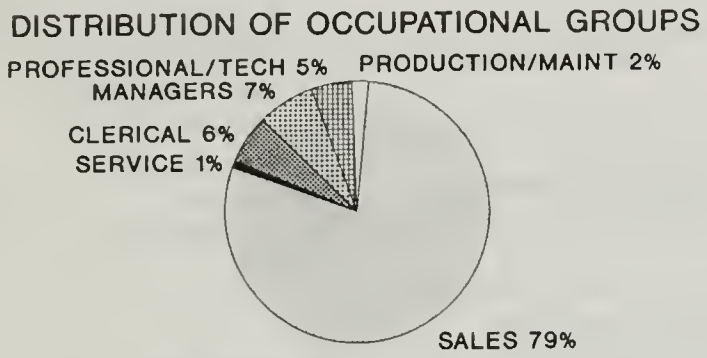
AUTOMOTIVE DEALERS AND GASOLINE SERVICE STATIONS

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
5. SERVICE:			
WAITERS AND WAITRESSES	100	1.3	41
COOKS, SHORT ORDER	70	.8	41
FOOD PREPARATION WORKERS	50	.6	46
JANITORS AND CLEANERS	60	.7	26
TOTAL SERVICE	280	3.4	--
6. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, MECHANICS,INSTALLERS&REPAIR	160	1.9	14
MAINTENANCE REPAIRERS, GEN. UTILITY	70	.8	30
AUTOMOTIVE MECHANICS	1,000	12.1	6
AUTOMOTIVE BODY & RELATED REPAIRERS	120	1.5	27
MOTORCYCLE REPAIRERS	40	.5	24
BUS,TRUCK & DIESEL ENGINE MECHANICS	30	.4	46
SMALL ENGINE REPAIR SPECIALISTS	40	.5	29
MANUF BUILDG,HOMES&TRAILER INSTALLERS	30	.4	35
TIRE REPAIRERS AND CHANGERS	290	3.5	11
ALL OTHER MECHANICS,INSTALLERS,REPR	10	.1	--
ALL OTHER PRECISION WORKERS	30	.4	--
PAINTERS, TRANSPORTATION EQUIPMENT	10	.1	--
ALL OTHER MACHINE OPERATORS	10	.1	38
HEAVY TRUCK DRIVERS, INCL SEMI'S	70	.8	26
LIGHT TRUCK DRIVERS, INCL DELIVERY	80	1.0	22
SERVICE STATION ATTENDANTS	410	4.9	15
MECHANIC AND REPAIRER HELPERS	130	1.6	26
VEHICLE WASHERS & EQUIPMENT CLEANERS	320	3.8	20
TOTAL PROD, CONST, MAINT & HANDL	2,850	34.4	--
GRAND TOTAL OF INDUSTRY 55	8,270	100.0%	

APPAREL & ACCESSORY STORES

SIC 56



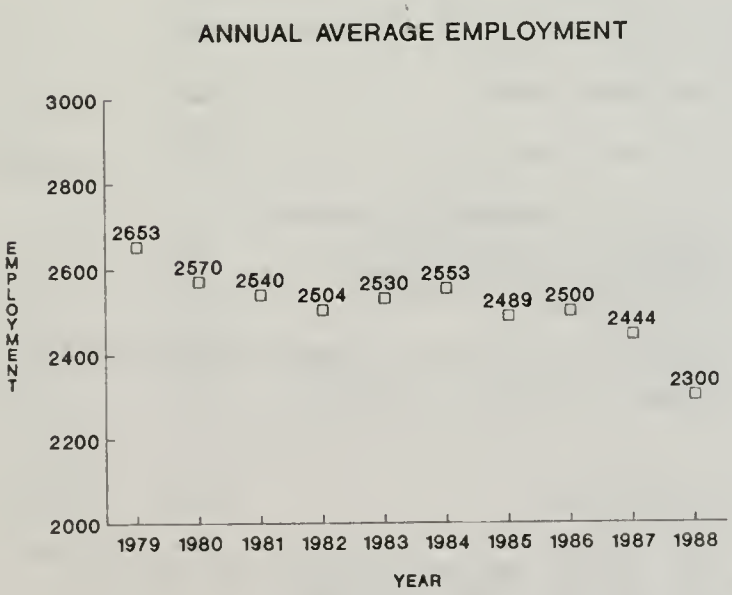


TABLE 13

INDUSTRY 56

APPAREL AND ACCESSORY STORES

THIS MAJOR GROUP INCLUDES RETAIL STORES PRIMARILY ENGAGED IN SELLING NEW CLOTHING, SHOES, HATS, UNDERWEAR, AND RELATED ARTICLES FOR PERSONAL WEAR AND ADORNMENT. FURRIERS AND CUSTOM TAILORS CARRYING STOCKS OF MATERIALS ARE INCLUDED IN THIS GROUP.

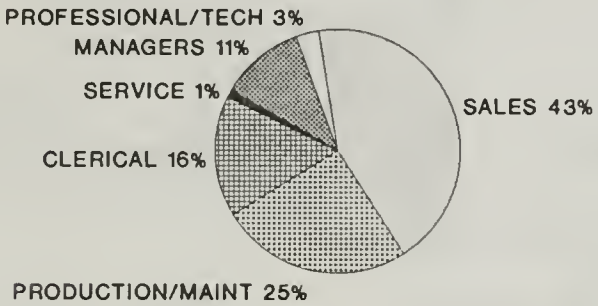
OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
PURCHASING MANAGERS	10	.4	36
GENERAL MANAGERS AND TOP EXEC.	150	6.6	13
TOTAL MANAGERS AND ADMINISTRATORS	160	7.0	--
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	10	.4	45
WHOLESALE/RETAIL BUYERS EXCEPT FARM	30	1.3	25
MERCHANDISE DISPLAYER,INCL WINDOW	40	1.8	20
ALL OTHER PROF,PARARPROF,TECHNICAL	30	1.3	--
TOTAL PROFESSIONAL AND TECH.	110	4.8	--
3. SALES AND RELATED:			
SUPERVISORS, SALES & RELATED	220	9.6	11
RETAIL SALESPERSONS	1,360	59.4	4
COUNTER AND RENTAL CLERKS	20	.9	43
STOCK CLERKS, SALES FLOOR	160	7.0	21
CASHIERS	50	2.1	27
TOTAL SALES AND RELATED	1,810	79.0	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN SUPPORT	30	1.3	24
BOOKKEEPING AND ACCOUNTING CLERKS	60	2.7	33
GENERAL OFFICE CLERKS	10	.4	28
MARKING CLERKS	10	.4	42
ALL OTHER MATERIAL SCHED & DISTRIBUT.	20	.9	--
TOTAL CLERICAL AND ADMIN. SUPPORT	130	5.7	--
5. SERVICE:			
JANITORS AND CLEANERS	30	1.3	23
TOTAL SERVICE	30	1.3	--
6. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
CUSTOM TAILORS AND SEWERS	40	1.8	25
ALL OTHER MACHINE OPERATORS&TENDERS	10	.4	--
TOTAL PROD, CONST, MAINT & HANDL	50	2.2	--
GRAND TOTAL OF INDUSTRY 56	2,290	100.0%	

HOME FURNITURE, FURNISHINGS, AND EQUIPMENT STORES

SIC 57

DISTRIBUTION OF OCCUPATIONAL GROUPS



ANNUAL AVERAGE EMPLOYMENT

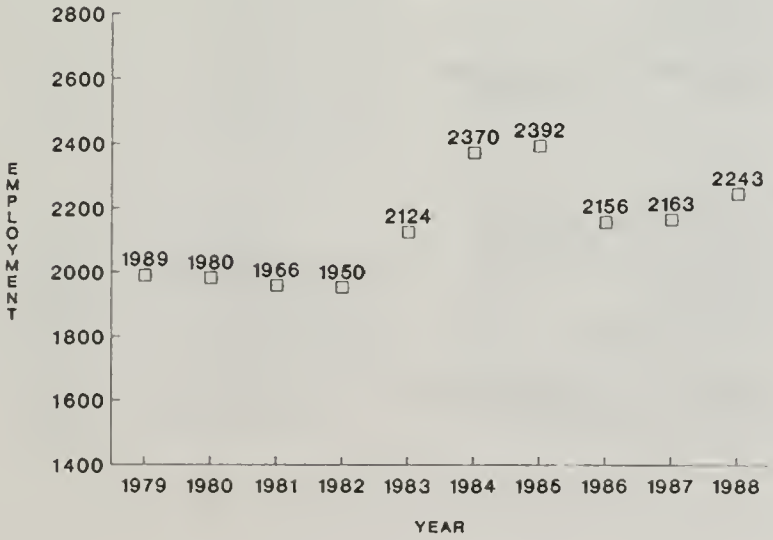


TABLE 14

INDUSTRY 57

FURNITURE, HOME FURNISHINGS, AND EQUIPMENT STORES

THIS MAJOR GROUP INCLUDES RETAIL STORES SELLING GOODS USED FOR FURNISHING THE HOME, SUCH AS FURNITURE, FLOOR COVERINGS, DRAPERIES, GLASS AND CHINAWARE, DOMESTIC STOVES, REFRIGERATORS, AND OTHER HOUSEHOLD ELECTRICAL AND GAS APPLIANCES. ESTABLISHMENTS SELLING ELECTRICAL AND GAS APPLIANCES ARE INCLUDED IN THIS GROUP ONLY IF THE MAJOR PART OF THEIR SALES CONSIST OF ARTICLES FOR HOME USE. DEALERS PRIMARILY ENGAGED IN SELLING ANTIQUE AND SECONDHAND FURNITURE ARE CLASSIFIED IN INDUSTRY 59. STORES FURNISHING INTERIOR DECORATOR SERVICE ARE CLASSIFIED ACCORDING TO THE MERCHANDISE HANDLED.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
PURCHASING MANAGERS	10	.5	31
GENERAL MANAGERS AND TOP EXEC.	220	9.8	8
ALL OTHER MANAGERS AND ADMIN.	10	.5	--
TOTAL MANAGERS AND ADMINISTRATORS	240	10.8	--
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	10	.5	31
WHOLESALE RETAIL BUYERS EXCEPT FARM	20	.8	27
COMPUTER PROGRAMMERS	10	.5	47
INTERIOR DESIGNERS	20	.9	25
ALL OTHER PROF,PARAPROF,TECHNICAL	10	.5	--
TOTAL PROFESSIONAL AND TECH.	70	3.2	--
3. SALES AND RELATED:			
SUPERVISORS, SALES AND RELATED	100	4.5	13
SALES REPS, EXCEPT SCIENTIFIC	60	2.7	17
RETAIL SALESPERSONS	700	31.5	7
STOCK CLERKS, SALES FLOOR	40	1.8	27
CASHIERS	20	.9	34
ALL OTHER SALES AND RELATED WORKERS	40	1.8	--
TOTAL SALES AND RELATED	960	43.2	--

TABLE 14 (CONTINUED)

INDUSTRY 57

FURNITURE, HOME FURNISHINGS, AND EQUIPMENT STORES

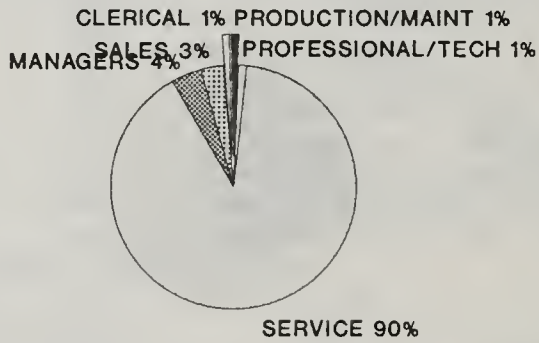
OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN SUPPORT	30	1.4	25
BILL AND ACCOUNT COLLECTORS	20	.8	25
SECRETARIES	30	1.4	19
RECEPTIONISTS AND INFORMATION CLERKS	20	.9	23
BOOKKEEPING AND ACCOUNTING CLERKS	130	5.8	10
GENERAL OFFICE CLERKS	70	3.1	24
STOCK CLERKS, STOCKROOM & WAREHOUSE	30	1.4	25
TRAFFIC, SHIPPING & RECEIVING CLERKS	30	1.4	22
TOTAL CLERICAL AND ADMIN. SUPPORT	360	16.2	--
5. SERVICE:			
JANITORS AND CLEANERS	30	1.4	18
TOTAL SERVICE	30	1.4	--
6. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, MECHANICS,INSTALLERS&REPAIR	20	.9	29
DATA PROCESSING EQUIPMENT REPAIRERS	90	4.0	39
ELECTRONIC HOME ENTERTAINMENT REPR	60	2.6	20
ELECTRIC APPLIANCE & POWER TOOL RPR	50	2.2	16
HEATING,A.C.,AND REFRIG MECHANICS	10	.5	14
ALL OTHER MECHANICS,INSTALLERS,REPR	10	.5	--
CARPET INSTALLERS	30	1.4	29
CABINETMAKERS & BENCH CARPENTERS	30	1.4	47
ALL OTHER PRECISION WORKERS	10	.5	--
ALL OTHER MACHINE OPERATORS	10	.5	--
LIGHT TRUCK DRIVERS, INCL DELIVERY	170	7.6	11
ALL OTHER FREIGHT & MATERIAL MOVERS	70	3.1	21
TOTAL PROD, CONST, MAINT & HANDL	560	25.2	--
GRAND TOTAL OF INDUSTRY 57	2,220	100.0%	

EATING AND DRINKING PLACES

SIC 58

DISTRIBUTION OF OCCUPATIONAL GROUPS



ANNUAL AVERAGE EMPLOYMENT

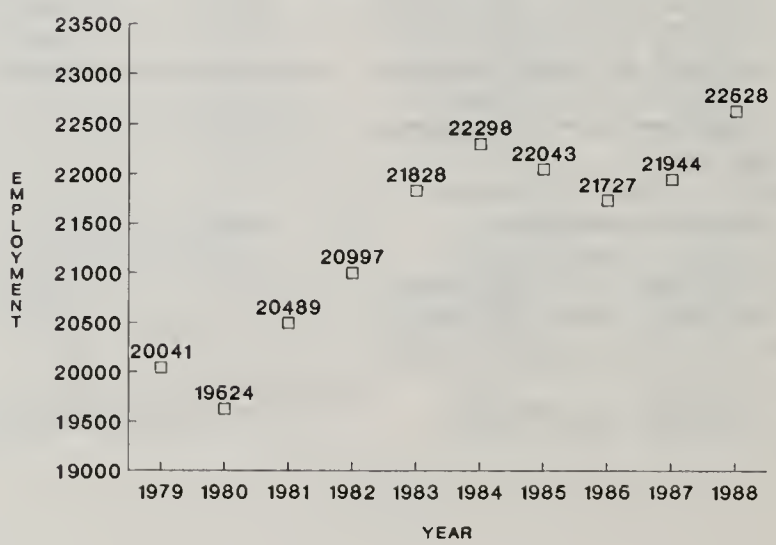


TABLE 15

INDUSTRY 58

EATING AND DRINKING PLACES

THIS MAJOR GROUP INCLUDES RETAIL ESTABLISHMENTS SELLING PREPARED FOODS AND DRINKS FOR CONSUMPTION ON THE PREMISES, AND ALSO LUNCH COUNTERS AND REFRESHMENT STANDS SELLING PREPARED FOODS AND DRINKS FOR IMMEDIATE CONSUMPTION. RESTAURANTS, LUNCH COUNTERS, AND DRINKING PLACES OPERATED AS A SUBORDINATE SERVICE FACILITY BY OTHER ESTABLISHMENTS ARE NOT INCLUDED IN THIS INDUSTRY, UNLESS THEY ARE OPERATED AS LEASED DEPARTMENTS BY OUTSIDE OPERATORS. THUS, RESTAURANTS AND LUNCH COUNTERS OPERATED BY HOTELS ARE CLASSIFIED IN INDUSTRY 70; THOSE OPERATED BY DEPARTMENT STORES IN INDUSTRY 53.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
FOOD SERVICE AND LODGING MANAGERS	590	2.5	10
GENERAL MANAGERS AND TOP EXEC.	350	1.5	14
TOTAL MANAGERS AND ADMINISTRATORS	940	4.0	--
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	40	.2	40
MUSICIANS	90	.3	45
TOTAL PROFESSIONAL AND TECH.	130	.5	--
3. SALES AND RELATED:			
CASHIERS	730	3.1	18
ALL OTHER SALES AND RELATED WORKERS	60	.2	--
TOTAL SALES AND RELATED	790	3.3	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN SUPPORT	60	.3	34
SECRETARIES	30	.1	33
BOOKKEEPING AND ACCOUNTING CLERKS	160	.7	18
ALL OTHER CLERICAL & ADMIN SUPPORT	40	.1	--
TOTAL CLERICAL AND ADMIN. SUPPORT	290	1.2	--

TABLE 15 (CONTINUED)

INDUSTRY 58

EATING AND DRINKING PLACES

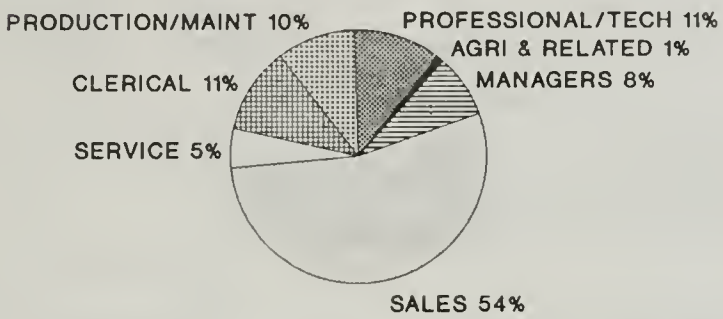
OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
5. SERVICE:			
SUPERVISORS, ALL OTHER SERVICE	610	2.6	13
GUARDS AND WATCH GUARDS	140	.6	45
HOSTS AND HOSTESSES	600	2.5	11
BARTENDERS	2,270	9.5	11
WAITERS AND WAITRESSES	5,660	23.7	5
DINING ROOM & CAFETERIA ATTENDANTS	820	3.4	11
LUNCHROOM/CAFETERIA COUNTER ATTENDANTS	600	2.6	26
BAKERS, BREAD AND PASTRY	70	.3	31
COOKS, RESTAURANT	2,600	10.9	7
COOKS, SPECIALTY FAST FOOD	1,340	5.6	14
COOKS, SHORT ORDER	580	2.4	19
FOOD PREPARATION WORKERS	2,060	8.6	8
COMBINATION FOOD PREPARATION/SERVICE	3,290	13.8	12
ALL OTHER FOOD SERVICE WORKERS	70	.3	--
MAIDS AND HOUSEKEEPING CLEANERS	60	.3	49
JANITORS AND CLEANERS	510	2.1	13
ALL OTHER SERVICE WORKERS	230	1.0	30
TOTAL SERVICE	21,510	90.2	--
6. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
MAINTENANCE REPAIRERS, GEN. UTILITY	60	.3	32
ALL OTHER MOTOR VEHICLE OPERATORS	120	.5	--
TOTAL PROD, CONST, MAINT & HANDL	180	.8	--
	---	---	
GRAND TOTAL OF INDUSTRY 58	23,840	100.0%	

MISCELLANEOUS RETAIL

SIC 59

DISTRIBUTION OF OCCUPATIONAL GROUPS



ANNUAL AVERAGE EMPLOYMENT

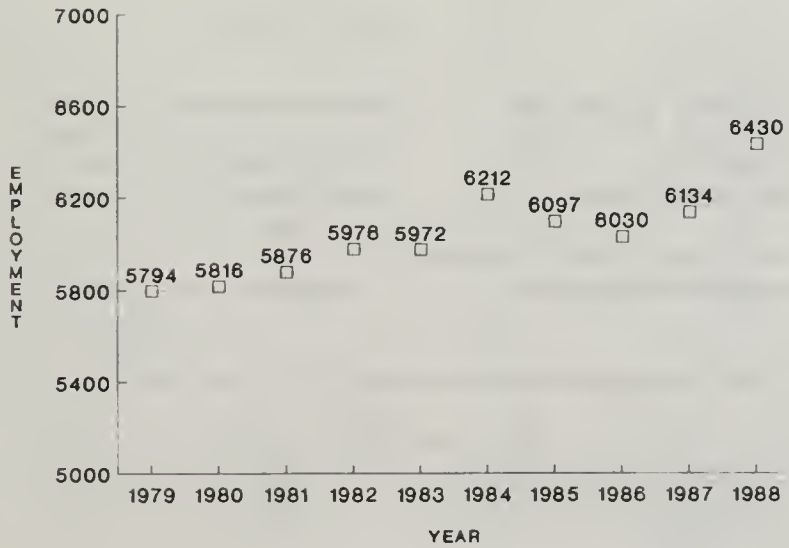


TABLE 16

INDUSTRY 59

MISCELLANEOUS RETAIL

THIS MAJOR GROUP INCLUDES RETAIL ESTABLISHMENTS NOT ELSEWHERE CLASSIFIED. THESE ESTABLISHMENTS FALL INTO THE FOLLOWING CATEGORIES: DRUG STORES, LIQUOR STORES, USED MERCHANDISE STORES, NONSTORE RETAILERS, FUEL DEALERS, MISCELLANEOUS SHOPPING GOODS STORES, FLORISTS, AND MISCELLANEOUS RETAIL STORES, NOT ELSEWHERE CLASSIFIED.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
PURCHASING MANAGERS	80	1.2	15
MRKTG, ADVERTISING, AND P/R MGRS.	10	.2	48
GENERAL MANAGERS AND TOP EXEC.	430	6.5	7
TOTAL MANAGERS AND ADMINISTRATORS	520	7.9	--
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	40	.6	38
WHOLESALE/RETAIL BUYERS EXCEPT FARM	120	1.8	14
OPTICIANS, DISPENSING & MEASURING	90	1.4	29
PHARMACISTS	240	3.6	4
DESIGNERS, EXCEPT INTERIOR DESIGN	230	3.5	16
ALL OTHER PROF,PARAPROF,TECHNICAL	20	.3	--
TOTAL PROFESSIONAL AND TECH.	740	11.2	--
3. SALES AND RELATED:			
SUPERVISORS, SALES & RELATED	280	4.2	8
SALES REPS, EXCEPT SCIENTIFIC	120	1.8	36
RETAIL SALESPERSONS	2,390	36.1	5
STOCK CLERKS, SALES FLOOR	440	6.6	8
CASHIERS	280	4.2	9
ALL OTHER SALES AND RELATED WORKERS	60	1.0	--
TOTAL SALES AND RELATED	3,570	53.9	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SECRETARIES	90	1.4	17
ORDER CLERKS, MERCHANDISE AND SERVICE	30	.4	22
BOOKKEEPING AND ACCOUNTING CLERKS	320	4.8	7
BILLING, COST AND RATE CLERKS	30	.5	32
GENERAL OFFICE CLERKS	90	1.3	21
STOCK CLERKS, STOCKROOM & WAREHOUSE	20	.3	43
ORDER FILLERS, WHOLESALE AND RETAIL	70	1.1	36
TRAFFIC, SHIPPING & RECEIVING CLERKS	40	.6	17
ALL OTHER CLERICAL & ADMIN SUPPORT	20	.3	--
TOTAL CLERICAL AND ADMIN. SUPPORT	710	10.7	--

TABLE 16 (CONTINUED)

INDUSTRY 59

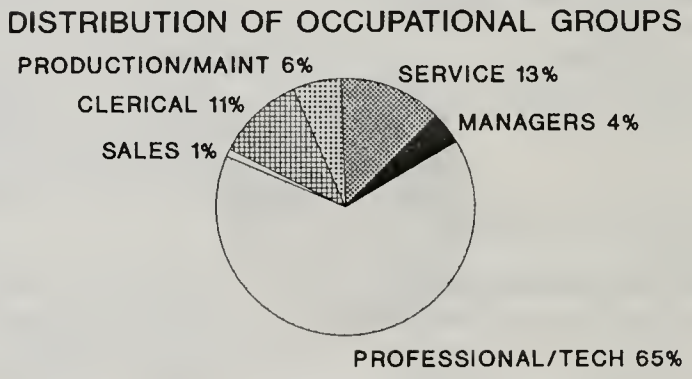
MISCELLANEOUS RETAIL

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
5. SERVICE:			
WAITERS AND WAITRESSES	40	.6	38
COOKS, SHORT ORDER	20	.3	37
ALL OTHER FOOD SERVICE WORKERS	50	.8	--
PHARMACY ASSISTANTS	30	.4	20
JANITORS AND CLEANERS	60	.9	17
ALL OTHER SERVICE WORKERS	110	1.7	--
TOTAL SERVICE	310	4.7	--
6. AGRICULTURAL AND RELATED:			
NURSERY WORKERS	70	1.1	28
GARDENERS AND GROUNDSKEEPERS	30	.4	49
TOTAL AGRICULTURAL AND RELATED	100	1.5	--
7. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
MAINTENANCE REPAIRERS, GEN. UTILITY	40	.6	38
ALL OTHER ELEC EQUIPMENT REPAIRERS	10	.1	--
WATCHMAKERS	10	.2	40
OFFICE MACHINE & CASH REGISTER REPR	120	1.8	25
BICYCLE REPAIRERS	40	.6	46
ALL OTHER MECHANICS,INSTALLERS,REPR	70	1.1	--
JEWELERS & SILVERSMITHS	40	.6	33
ALL OTHER PRECISION WORKERS	20	.3	--
ALL OTHER MACHINE OPERATORS&TENDERS	20	.3	--
ASSEMBLERS AND FABRICATORS	20	.3	46
ALL OTHER HAND WORKERS	10	.1	--
LIGHT TRUCK DRIVERS, INCL DELIVERY	90	1.4	15
DRIVER/SALES WORKERS	80	1.2	43
ALL OTHER MOTOR VEHICLE OPERATORS	30	.5	--
SERVICE STATION ATTENDANTS	10	.1	42
ALL OTHER FREIGHT & MATERIAL MOVERS	60	.9	--
TOTAL PROD, CONST, MAINT & HANDL	670	10.1	--
GRAND TOTAL OF INDUSTRY 59	6,620	100.0%	

ELEMENTARY AND SECONDARY SCHOOLS

SIC 821



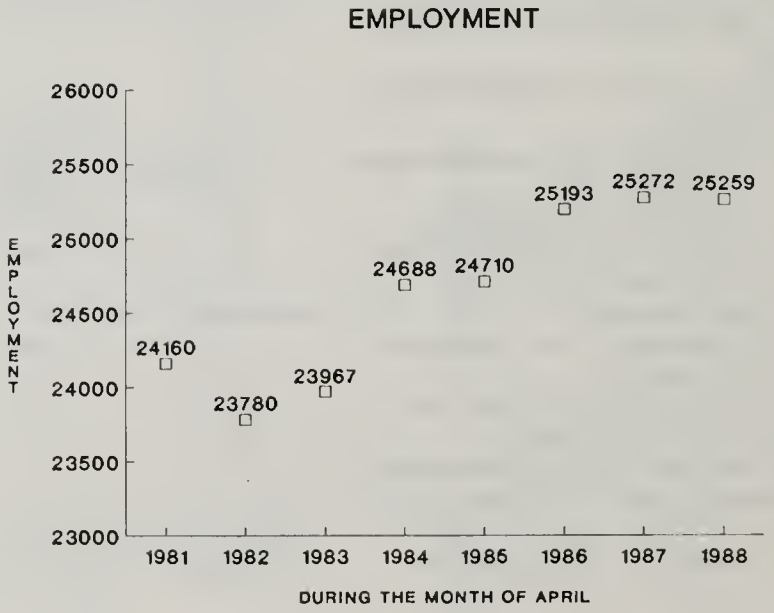


TABLE 17

INDUSTRY 821

ELEMENTARY AND SECONDARY SCHOOLS

ELEMENTARY AND SECONDARY SCHOOLS FURNISHING ACADEMIC COURSES, ORDINARILY FOR KINDERGARTEN THROUGH GRADE 12. INCLUDED IN THIS INDUSTRY ARE PAROCHIAL SCHOOLS AND MILITARY ACADEMIES FURNISHING ACADEMIC COURSES FOR KINDERGARTEN THROUGH GRADE 12, AND SECONDARY SCHOOLS WHICH FURNISH BOTH ACADEMIC AND TECHNICAL COURSES.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
PERSONNEL AND RELATED MANAGERS	10	.1	20
EDUCATION ADMINISTRATORS	700	2.7	7
FOOD SERVICE AND LODGING MANAGERS	120	.5	35
GENERAL MANAGERS AND TOP EXEC.	140	.5	19
ALL OTHER MANAGERS AND ADMIN.	10	.1	--
TOTAL MANAGERS AND ADMINISTRATORS	980	3.9	--
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	60	.2	49
ALL OTHER MGMT. SUPPORT WORKERS	20	.1	--
PSYCHOLOGISTS	130	.5	30
SOCIAL WORKERS, EXCEPT MEDICAL	30	.1	49
TEACHER, PRESCHOOL & KINDERGARTEN	670	2.6	24
TEACHER, ELEMENTARY SCHOOL	6,500	25.6	6
TEACHER, SECONDARY SCHOOL	5,010	19.7	7
TEACHER, SPECIAL EDUCATION	1,060	4.2	7
TEACHER, VOCATIONAL EDUCATN & TRAING	330	1.3	27
INSTRUCTOR, NONVOCATIONAL EDUCATION	40	.2	43
INSTRUCTORS & COACHES, SPORTS	540	2.1	29
LIBRARIANS	420	1.7	11
LIBRARY ASSISTANTS	100	.4	27
VOCATIONAL & EDUC COUNSELORS	350	1.4	12
INSTRUCTIONAL COORDINATORS	30	.1	37
TEACHER AIDES, PARAPROFESSIONAL	920	3.6	13
SPEECH & HEARING THERAPISTS	200	.8	29
REGISTERED NURSES	60	.2	20
ALL OTHER HEALTH PROF & TECH.	10	.1	35
ALL OTHER PROF,PARAPROF,TECHNICAL	80	.3	--
TOTAL PROFESSIONAL AND TECH.	16,560	65.2	--

TABLE 17 (CONTINUED)

INDUSTRY 821

ELEMENTARY AND SECONDARY SCHOOLS

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
3. SALES AND RELATED:			
CASHIERS	100	.4	24
TOTAL SALES AND RELATED	100	.4	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN SUPPORT	90	.3	33
LIBRARY ASSIST. & BOOKMOBILE DRIVERS	110	.4	27
CLERICAL TEACHER AIDES & EDUC ASSIST.	1,010	3.9	12
SECRETARIES	850	3.3	6
TYPISTS, WORD PROCESSING EQUIPMENT	20	.1	43
BOOKKEEPING AND ACCOUNTING CLERKS	260	1.0	18
PAYROLL AND TIMEKEEPING CLERKS	10	.1	30
GENERAL OFFICE CLERKS	360	1.4	25
DUPLICATING MACHINE OPERATORS	20	.1	24
COMPUTER OPERATORS	10	.1	32
STOCK CLERKS, STOCKROOM & WAREHOUSE	10	.1	12
ALL OTHER CLERICAL & ADMIN SUPPORT	40	.2	--
TOTAL CLERICAL AND ADMIN. SUPPORT	2,790	11.0	--
5. SERVICE:			
SUPERVISORS, ALL OTHER SERVICE	100	.4	27
CROSSING GUARDS	120	.5	19
ALL OTHER PROTECTIVE SERVICE WORKERS	90	.3	--
DINING ROOM & CAFETERIA ATTENDANTS	140	.6	42
LUNCHROOM/CAFETERIA COUNTER ATTENDANTS	270	1.0	18
COOKS, INSTITUTION OR CAFETERIA	510	2.0	13
FOOD PREPARATION WORKERS	600	2.3	16
JANITORS AND CLEANERS	1,540	6.1	5
ALL OTHER SERVICE WORKERS	10	.1	--
TOTAL SERVICE	3,380	13.3	--

TABLE 17 (CONTINUED)

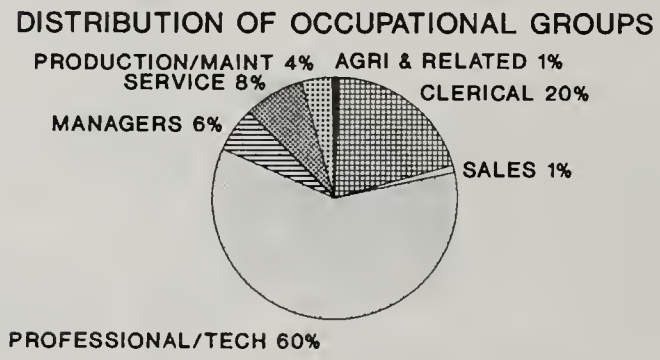
INDUSTRY 821

ELEMENTARY AND SECONDARY SCHOOLS

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
6. AGRICULTURAL AND RELATED:			
GARDENERS & GROUNDSKEEPERS,EXCEPT FARM	30	.1	36
TOTAL AGRICULTURAL AND RELATED	30	.1	--
7. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
MAINTENANCE REPAIRERS, GEN. UTILITY	300	1.1	17
BUS,TRUCK & DIESEL ENGINE MECHANICS	70	.3	27
ALL OTHER MECHANICS,INSTALLERS,REPR	20	.1	43
ALL OTHER CONSTRUCTION TRADES WORKER	10	.1	--
LIGHT TRUCK DRIVERS, INCL DELIVERY	40	.2	27
SCHOOL BUS DRIVERS	1,090	4.2	13
ALL OTHER HELPERS,LABORERS,HAND WORK	10	.1	--
TOTAL PROD, CONST, MAINT & HANDL	1,540	6.1	--
GRAND TOTAL OF PRIMARY/SECONDARY EDUCATION	25,380	100.0%	

COLLEGES, UNIVERSITIES, PROFESSIONAL SCHOOLS AND JUNIOR COLLEGES SIC 822



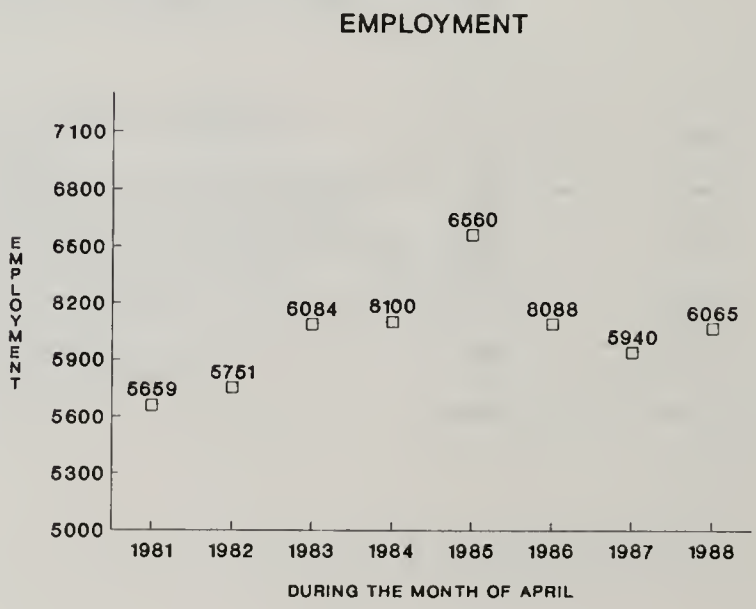


TABLE 18

INDUSTRY 822

COLLEGES, UNIVERSITIES, PROFESSIONAL SCHOOLS, AND JUNIOR COLLEGES

COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS GRANTING ACADEMIC DEGREES AND REQUIRING FOR ADMISSION AT LEAST A HIGH SCHOOL DIPLOMA OR EQUIVALENT GENERAL ACADEMIC TRAINING.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
FINANCIAL MANAGERS	20	.3	8
ADMINISTRATIVE SERVICES MANAGERS	10	.2	10
EDUCATION ADMINISTRATORS	220	3.6	4
FOOD SERVICE AND LODGING MANAGERS	30	.5	11
GENERAL MANAGERS AND TOP EXEC.	40	.7	6
ALL OTHER MANAGERS AND ADMIN.	50	.8	--
TOTAL MANAGERS AND ADMINISTRATORS	370	6.1	--

TABLE 18 (CONTINUED)

INDUSTRY 822

COLLEGES, UNIVERSITIES, PROFESSIONAL SCHOOLS, AND JUNIOR COLLEGES

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	30	.5	15
ALL OTHER FINANCIAL SPECIALISTS	20	.3	--
PERSONNEL AND RELATED SPECIALISTS	10	.2	--
ALL OTHER MGMT. SUPPORT WORKERS	40	.7	--
ALL OTHER ENGINEERING TECHNICIANS	10	.2	--
ALL OTHER PHYSICAL SCIENTISTS	40	.7	45
ALL OTHER LIFE SCIENTISTS	30	.5	11
ALL OTHER SCIENCE TECHNICIANS	40	.7	11
SYSTEMS ANALYSTS, ELEC. DATA PROCESS.	20	.3	24
COMPUTER PROGRAMMERS	40	.7	3
COMPUTER PROGRAMMER AIDES	10	.2	--
NURSING INSTRUCTORS	90	1.5	16
GRADUATE ASSISTANTS, TEACHING	780	12.8	2
TEACHER, LIFE SCIENCE (POSTSECONDARY)	250	4.1	1
TEACHER, CHEMISTRY (POSTSECONDARY)	70	1.2	7
TEACHER, PHYSICS (POSTSECONDARY)	50	.8	4
TEACHER, OTHER PHYS SCIENCE (POSTSEC)	60	1.0	2
TEACHER, SOCIAL SCIENCE (POSTSEC)	210	3.4	3
TEACHER, HEALTH SPECIALTIES (POSTSEC)	80	1.3	4
TEACHER, ENGLISH &LANGUAGES (POSTSEC)	170	2.8	2
TEACHER, ART,DRAMA & MUSIC(POSTSEC)	160	2.6	4
TEACHER, ENGINEERING (POSTSEC)	120	1.9	25
TEACHER, MATHEMATICS (POSTSEC)	100	1.6	1
TEACHER, COMPUTER SCIENCE (POSTSEC)	50	.8	7
ALL OTHER POSTSECONDARY TEACHER	500	8.2	5
TEACHER, SPECIAL EDUCATION	10	.2	--
TEACHER, VOCATIONAL EDUCATION	60	1.0	--
INSTRUCTORS & COACHES, SPORTS	140	2.3	7
FARM & HOME MANAGEMENT ADVISORS	100	1.6	--
ALL OTHER TEACHERS & INSTRUCTORS	30	.5	--
LIBRARIANS	50	.8	4
LIBRARY ASSISTANTS	40	.7	8
AUDIO-VISUAL SPECIALISTS	10	.2	16
VOCATIONAL & EDUC COUNSELORS	30	.5	--
INSTRUCTIONAL COORDINATORS	10	.2	--
TEACHER AIDES, PARAPROF.	10	.2	--
SPEECH PATHOLOGISTS & AUDIOLOG.	20	.3	--
REGISTERED NURSES	30	.5	--
ALL OTHER HEALTH PROF & TECH.	30	.5	--
WRITERS AND EDITORS	20	.3	--
PUBLIC RELATIONS SPECIALISTS	40	.7	3
ALL OTHER PROF,PARAPROF,TECHNICAL	50	.8	--
TOTAL PROFESSIONAL AND TECH.	3,660	60.3	--

TABLE 18 (CONTINUED)

INDUSTRY 822

COLLEGES, UNIVERSITIES, PROFESSIONAL SCHOOLS, AND JUNIOR COLLEGES

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
3. SALES AND RELATED:			
RETAIL SALESPERSONS	10	.2	48
CASHIERS	20	.3	--
TOTAL SALES AND RELATED	30	.5	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN SUPPORT	70	1.2	11
LIBRARY ASSIST. & BOOKMOBILE DRIVERS	50	.8	7
TEACHER AIDES, CLERICAL	40	.7	43
SECRETARIES	380	6.3	1
RECEPTIONISTS AND INFORMATION CLERKS	40	.7	15
TYPISTS	50	.8	3
TYPISTS, WORD PROCESSING EQUIPMENT	40	.7	7
PERSONNEL CLERKS	10	.2	--
CORRESPONDENCE CLERKS	60	1.0	--
BOOKKEEPING AND ACCOUNTING CLERKS	90	1.5	6
PAYROLL AND TIMEKEEPING CLERKS	10	.2	--
BILLING, COST AND RATE CLERKS	20	.3	--
GENERAL OFFICE CLERKS	130	2.1	5
DUPLICATING MACHINE OPERATORS	20	.3	--
COMPUTER OPERATORS	20	.3	--
DATA ENTRY KEYERS	20	.3	10
SWITCHBOARD OPERATORS	20	.3	--
MAIL CLERKS, EXCEPT MAIL MACHINE OPR.	20	.3	--
STOCK CLERKS, STOCKROOM & WAREHOUSE	20	.3	--
ALL OTHER CLERICAL & ADMIN SUPPORT	110	1.8	--
TOTAL CLERICAL AND ADMIN. SUPPORT	1,220	20.1	--
5. SERVICE:			
SUPERVISORS, ALL OTHER SERVICE	40	.7	--
GUARDS AND WATCH GUARDS	40	.7	10
ALL OTHER PROTECTIVE SERVICE WORKERS	10	.2	25
DINING ROOM/CAFETERIA ATTENDANTS	10	.2	--
COOKS, INSTITUTION OR CAFETERIA	50	.8	14
FOOD PREPARATION WORKERS	50	.8	2
JANITORS AND CLEANERS	270	4.4	2
CHILD CARE WORKERS	20	.3	32
ALL OTHER SERVICE WORKERS	10	.2	--
TOTAL SERVICE	500	8.3	--

TABLE 18 (CONTINUED)

INDUSTRY 822

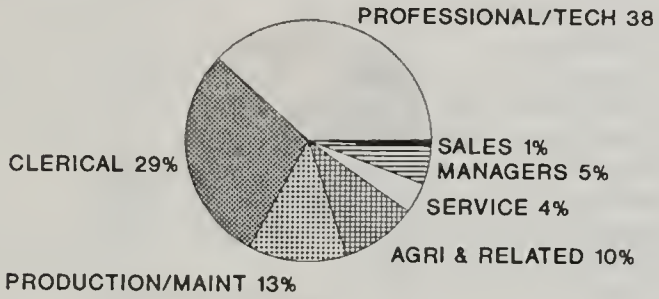
COLLEGES, UNIVERSITIES, PROFESSIONAL SCHOOLS, AND JUNIOR COLLEGES

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
6. AGRICULTURAL AND RELATED:			
GARDENERS & GROUNDSKEEPERS,EXCEPT FARM	20	.3	--
ALL OTHER AGRICULTURAL AND REL WORKERS	50	.8	--
TOTAL AGRICULTURAL AND RELATED	70	1.1	--
7. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, MECHANICS,INSTALLERS,REPR	20	.3	--
SUPERVISORS, ALL OTHER	20	.3	7
MAINTENANCE REPAIRERS, GEN. UTILITY	50	.7	19
ALL OTHER MECHANICS,INSTALLERS,REPR	20	.3	--
CARPENTERS	30	.5	4
ELECTRICIANS	20	.3	7
PAINTERS AND PAPERHANGERS	10	.2	8
PLUMBERS AND PIPEFITTERS	20	.3	12
ALL OTHER MACHINE OPERATORS&TENDERS	10	.2	--
ALL OTHER PLANT & SYSTEM OPERATORS	20	.3	13
ALL OTHER MATERIAL MOVING EQUIP OPER	10	.2	--
TOTAL PROD, CONST, MAINT & HANDL	220	3.6	--
GRAND TOTAL OF HIGHER EDUCATION	6,070	100.0%	

FEDERAL GOVERNMENT

DISTRIBUTION OF OCCUPATIONAL GROUPS



ANNUAL AVERAGE EMPLOYMENT

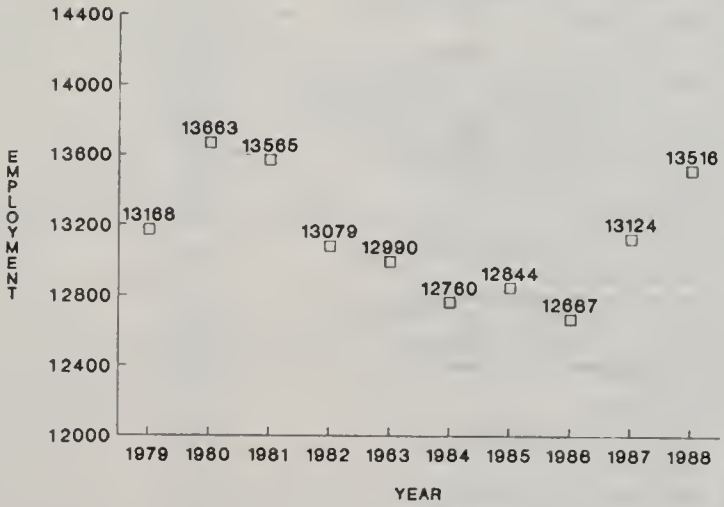


TABLE 19

FEDERAL GOVERNMENT

THIS MAJOR GROUP INCLUDES THE LEGISLATIVE, JUDICIAL, ADMINISTRATIVE AND REGULATORY ACTIVITIES OF FEDERAL GOVERNMENT. HOSPITALS, POSTAL AND EDUCATION UNITS ARE ALSO INCLUDED IN THIS DATA.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
FINANCIAL MANAGERS	10	.1	--
PERSONNEL AND RELATED MANAGERS	10	.1	--
ADMINISTRATIVE SERVICES MANAGERS	60	.5	--
ENGINEERING,MATH&SCIENCE MANAGERS	140	1.1	--
POSTMASTERS & MAIL SUPERINTENDENTS	360	2.8	--
MEDICINE AND HEALTH SERVICE MGRS.	30	.2	--
GENERAL MANAGERS AND TOP EXEC.	20	.1	--
ALL OTHER MANAGERS AND ADMIN.	50	.4	--
TOTAL MANAGERS AND ADMINISTRATORS	680	5.3	--
2. PROFESSIONAL AND TECHNICAL:			
UNDERWRITERS	10	.1	--
LOAN OFFICERS & COUNSELORS	40	.3	--
ACCOUNTANTS AND AUDITORS	90	.7	--
BUDGET ANALYSTS	20	.1	--
PURCHASING AGENTS, ALL OTHERS	140	1.1	--
PERSONNEL AND RELATED SPECIALISTS	90	.7	--
MANAGEMENT ANALYSTS	20	.1	--
CONSTUCTION AND BUILDING INSPECTORS	40	.3	--
COMPLIANCE AND ENFORCEMENT INSPECTR.	180	1.4	--
TAX EXAMINERS/COLLECTORS AND RELATED	90	.7	--
ALL OTHER MGMT. SUPPORT WORKERS	50	.4	--
MINING ENGINEERS,INCL SAFETY	10	.1	--
PETROLEUM ENGINEERS	10	.1	--
CIVIL ENGINEERS, INCLUDING TRAFFIC	170	1.3	--
AGRICULTURAL ENGINEERS	10	.1	--
ELECTRICAL & ELECTRONIC ENGINEERS	40	.3	--
SAFETY ENGINEERS, EXCEPT MINING	10	.1	--
MECHANICAL ENGINEERS	20	.1	--
ALL OTHER ENGINEERS	30	.2	--
ARCHITECTS, EXCEPT LANDSCAPE	10	.1	--
ARCHITECTS, LANDSCAPE	10	.1	--
SURVEYING & MAPPING SCIENTISTS	30	.2	--
ELEC/ELECTRONIC ENGINEERING TECH'S	90	.7	--
DRAFTERS	10	.1	--
SURVEYING & MAPPING TECHNICIANS	100	.8	--
ALL OTHER ENGINEERING TECHNICIANS	280	2.2	--

(#2 CONTINUED ON NEXT PAGE)

TABLE 19 (CONTINUED)

FEDERAL GOVERNMENT

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
(#2 CONTINUED FROM PRECEDING PAGE)			
CHEMISTS, EXCEPT BIOCHEMISTS	10	.1	--
ATMOSPHERIC & SPACE SCIENTISTS	30	.2	--
GEOLOGIST,GEOPHYSICISTS & OCEANOGRAPH	90	.7	--
ALL OTHER PHYSICAL SCIENTISTS	20	.1	--
FORESTERS AND CONSERVATION SCIENTISTS	560	4.4	--
AGRICULTURAL & FOOD SCIENTISTS	160	1.3	--
BIOLOGICAL SCIENTISTS	200	1.6	--
ALL OTHER LIFE SCIENTISTS	30	.2	--
BIOL, AGRIC AND FOOD TECHNICIANS	110	.9	--
ALL OTHER PHYS & LIFE SCIENCE TECH'S	90	.7	--
SYSTEMS ANALYSTS, ELEC. DATA PROCESS.	80	.6	--
COMPUTER PROGRAMMER AIDES	60	.5	--
OPERATIONS AND SYSTEMS RESEARCHERS	10	.1	--
STATISTICIANS	10	.1	--
ECONOMISTS,INCL MARKETING RESEARCH	20	.1	--
ALL OTHER SOCIAL SCIENTISTS	50	.4	--
SOCIAL WORKERS, EXCEPT MEDICAL	10	.1	--
SOCIAL SERVICE TECHNICIANS	10	.1	--
RECREATION WORKERS	10	.1	--
JUDGES AND MAGISTRATES	10	.1	--
LAWYERS	30	.2	--
ALL OTHER LEGAL ASSISTANTS	150	1.2	--
TEACHERS & INSTRUC,VOCATIONAL ED	40	.3	--
ALL OTHER TEACHERS & INSTRUCTORS	10	.1	--
LIBRARIANS	10	.1	--
CURATORS,ARCHIVISTS & MUSEUM TECH'S	10	.1	--
TEACHER AIDES, PARAPROFESSIONAL	20	.1	--
PHYSICIANS AND SURGEONS	60	.5	--
VETERINARIANS&VETERINARY INSPECTORS	10	.1	--
REGISTERED NURSES	200	1.6	--
LICENSED PRACTICAL NURSES	80	.6	--
PHARMACISTS	10	.1	--
MEDICAL & CLINICAL LAB TECHNOLOGIST	40	.3	--
MEDICAL RECORDS TECHNICIANS	40	.3	--
RADIOLOGIC TECHNICIANS	20	.1	--
ALL OTHER HEALTH PROF & TECH.	30	.2	--
WRITERS AND EDITORS	20	.1	--
PHOTOGRAPHERS	10	.1	--
AIRPLANE DISPATCHERS & CONTROLLERS	110	.9	--
ALL OTHER PROF,PARAPROF,TECHNICAL	740	5.8	--
TOTAL PROFESSIONAL AND TECH.	4,810	37.7	--

TABLE 19 (CONTINUED)

FEDERAL GOVERNMENT

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
3. SALES AND RELATED:			
SUPERVISORS, SALES & RELATED	10	.1	--
APPRAISERS, REAL ESTATE	10	.1	--
RETAIL SALESPERSONS	20	.1	--
CASHIERS	10	.1	--
TOTAL SALES AND RELATED	50	.4	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN SUPPORT	150	1.2	--
INSURANCE ADJUSTERS,EXAMINERS&INVESTIG	10	.1	--
INSURANCE CLAIMS CLERKS	40	.3	--
REAL ESTATE CLERKS	60	.5	--
SECRETARIES	320	2.5	--
STENOGRAPHERS	10	.1	--
RECEPTIONISTS AND INFORMATION CLERKS	20	.1	--
TYPISTS	280	2.2	--
PERSONNEL CLERKS, EXCEPT PAYROLL	100	.8	--
PROCUREMENT CLERKS	20	.1	--
STATISTICAL CLERKS	10	.1	--
INTERVIEWING CLERKS, EXC PERSONNEL	30	.2	--
BOOKKEEPING AND ACCOUNTING CLERKS	170	1.3	--
PAYROLL AND TIMEKEEPING CLERKS	10	.1	--
GENERAL OFFICE CLERKS	280	2.2	--
COMPUTER OPERATORS	20	.1	--
DATA ENTRY KEYERS	10	.1	--
ALL OTHER OFFICE MACHINE OPERATORS	20	.1	--
SWITCHBOARD OPERATORS	10	.1	--
ALL OTHER COMMUNICATIONS EQUIP OPERS	10	.1	--
MAIL CLERKS, EXCEPT MAIL MACHINES OPR	50	.4	--
MAIL CARRIERS, POSTAL SERVICE	700	5.5	--
CLERKS, POSTAL SERVICE	300	2.3	--
PRODUCTION,PLANNING & EXPEDIT CLERKS	40	.3	--
STOCK CLERKS, STOCKROOM AND RELATED	110	.9	--
TRAFFIC, SHIPPING & RECEIVING CLERKS	570	4.5	--
ALL OTHER CLERICAL & ADMIN SUPPORT	390	3.1	--
TOTAL CLERICAL AND ADMIN. SUPPORT	3,740	29.3	--

TABLE 19 (CONTINUED)

FEDERAL GOVERNMENT

OCCUPATIONAL ESTIMATES

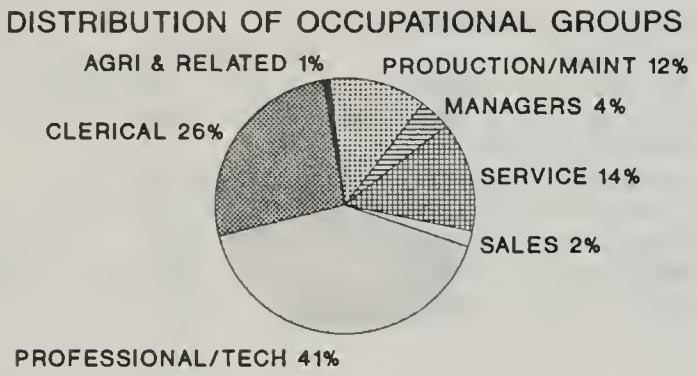
OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
5. SERVICE:			
SUPERVISORS, POLICE & DETECTIVES	20	.1	--
SUPERVISORS, ALL OTHER SERVICE	30	.2	--
FIRE FIGHTERS	20	.1	--
POLICE PATROL OFFICERS	20	.1	--
CRIMINAL INVESTIGATORS, FEDERAL	50	.4	--
GUARDS AND WATCH GUARDS	30	.2	--
ALL OTHER PROTECTIVE SERVICE WORKERS	70	.5	--
BUTCHERS AND MEAT CUTTERS	10	.1	--
COOKS, INSTITUTION OR CAFETERIA	30	.2	--
COMBINED FOOD PREP AND SERVICE WORKERS	30	.2	--
DENTAL ASSISTANTS	30	.2	--
NURSING AIDES, ORDERLIES & ATTENDANTS	40	.3	--
PHARMACY ASSISTANTS	10	.1	--
ALL OTHER HEALTH SERVICE WORKERS	20	.1	--
JANITORS & CLEANERS EXCEPT MAIDS	80	.6	--
SOCIAL WELFARE SERVICE AIDES	40	.3	--
TOTAL SERVICE	530	4.2	--
6. AGRICULTURAL AND RELATED:			
SUPERVISORS, AGRIC,FORESTRY & RELATED	70	.5	--
FOREST AND CONSERVATION WORKERS	1,020	8.0	--
GARDENERS & GROUNDSKEEPERS,EXCEPT FARM	10	.1	--
ANIMAL CARETAKERS, EXCEPT FARM	20	.1	--
ALL OTHER AGRICULTURAL AND REL WORKERS	230	1.8	--
TOTAL AGRICULTURAL AND RELATED	1,350	10.5	--

TABLE 19 (CONTINUED)

FEDERAL GOVERNMENT

OCCUPATIONAL ESTIMATES			
OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
7. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, MECHANICS,INSTALLERS& REPAIR	110	.9	--
SUPERVR, CONSTUCTION,TRADES&EXTRACTION	10	.1	--
SUPERVR, PRODUCTION& OPERATING WORKERS	20	.1	--
SUPERVR, TRANSPORTATION& MOVING MACH'S	20	.1	--
SUPERVR, HELPERS & LABORERS	10	.1	--
SUPERVISORS, ALL OTHER	10	.1	--
MAINT MECHANICS,WATER OR POWER GENER	20	.1	--
ALL OTHER MACHINERY MAINT MECHANICS	10	.1	--
MACHINERY MAINTENANCE WORKERS	20	.1	--
MAINTENANCE REPAIRERS, GEN. UTILITY	140	1.1	--
AUTOMOTIVE MECHANICS	50	.4	--
BUS,TRUCK & DIESEL ENGINE MECHANICS	10	.1	--
MOBILE HEAVY EQUIPMENT MECHANICS	90	.7	--
AIRCRAFT MECHANICS	70	.5	--
AIRCRAFT ENGINE SPECIALISTS	20	.1	--
ALL OTHER COMMUNICATION EQUIP MECH'S	10	.1	--
ELECTRONIC EQUIPMENT REPAIRERS	70	.5	--
POWERHOUSE & RELAY ELECTRICIANS	10	.1	--
ELECTRICAL POWERLINE INSTALLERS&REPR	60	.5	--
ALL OTHER ELECTRICAL MECHANICS&REPR	20	.1	--
HEATING,A.C., & REFRIG MECHANICS	10	.1	--
PRECISION INSTRUMENT REPAIRERS	10	.1	--
MECHANICAL CONTROL&VALUE MECHANICS	20	.1	--
ALL OTHER MECHANICS,INSTALLERS,REPR	80	.6	--
CARPENTERS	20	.1	--
ELECTRICIANS	20	.1	--
PAINTERS & PAPERHANGERS	10	.1	--
PLUMBERS & PIPEFITTERS	10	.1	--
SHEET METAL WORKERS	10	.1	--
PHOTOENGRAVING & LITHOGRAPHING	10	.1	--
ALL OTHER MACHINE OPERATORS&TENDERS	10	.1	--
WELDERS & CUTTERS	20	.1	--
POWER DISTRIBUTORS & DISPATCHERS	40	.3	--
STATIONARY ENGINEERS	20	.1	--
ALL OTHER PLANT & SYSTEM OPERATORS	10	.1	--
ALL OTHER MOTOR VEHICLE OPERATORS	80	.6	--
AIRCRAFT PILOTS & FLIGHT ENGINEERS	10	.1	--
SERVICE STATION ATTENDANTS	10	.1	--
INDUSTRIAL TRUCK & TRACTOR OPERATORS	10	.1	--
OPERATING ENGINEERS	130	1.0	--
ALL OTHER MATERIAL MOVING EQUIP OPER	10	.1	--
ALL OTHER HELPERS,LABORERS,HAND WORK	280	2.2	--
TOTAL PROD, CONST, MAINT & HANDL	1,610	12.6	--
	---	---	
GRAND TOTAL OF FEDERAL GOVERNMENT	12,770	100.0%	

STATE GOVERNMENT (EXCLUDING HOSPITALS AND EDUCATION)



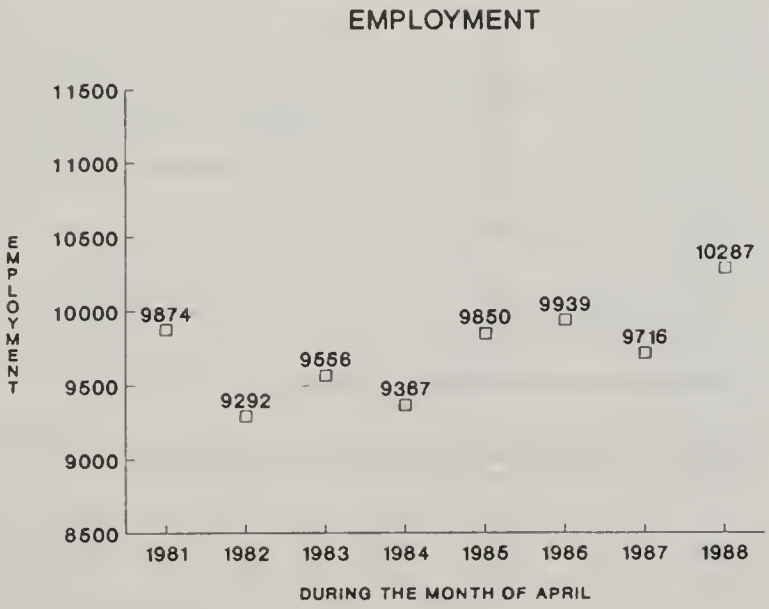


TABLE 20

STATE GOVERNMENT

THIS MAJOR GROUP INCLUDES THE LEGISLATIVE, JUDICIAL, ADMINISTRATIVE AND REGULATORY ACTIVITIES OF STATE GOVERNMENT. HOSPITAL AND EDUCATION UNITS ARE NOT INCLUDED IN THIS DATA.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
FINANCIAL MANAGERS	20	.2	--
PERSONNEL AND RELATED MANAGERS	10	.1	--
ADMINISTRATIVE SERVICES MANAGERS	10	.1	--
EDUCATION ADMINISTRATORS	10	.1	--
MEDICINE AND HEALTH SERVICE MGRS.	10	.1	--
EXECUTIVES, LEGISLATORS AND ADMIN	40	.4	--
GENERAL MANAGERS AND TOP EXEC.	200	2.0	--
ALL OTHER MANAGERS AND ADMIN.	110	1.2	--
TOTAL MANAGERS AND ADMINISTRATORS	410	4.2	--

TABLE 20 (CONTINUED)

STATE GOVERNMENT

OCCUPATIONAL ESTIMATES			
OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	110	1.1	--
BUDGET ANALYSTS	20	.2	--
ALL OTHER FINANCIAL SPECIALISTS	30	.3	--
PURCHASING AGENTS, ALL OTHERS	10	.1	--
CLAIMS TAKERS, UNEMPLOYMENT BENEFITS	100	1.0	--
EMPLOYMENT INTERVIEWERS	100	1.0	--
PERSONNEL AND RELATED SPECIALISTS	90	.9	--
MANAGEMENT ANALYSTS	50	.5	--
CONSTUCTION AND BUILDING INSPECTORS	80	.8	--
COMPLIANCE AND ENFORCEMENT INSPECTR.	310	3.2	--
TAX EXAMINERS/COLLECTORS AND RELATED	110	1.1	--
ASSESSORS	250	2.5	--
ALL OTHER MGMT. SUPPORT WORKERS	430	4.4	--
CIVIL ENGINEERS, INCLUDING TRAFFIC	140	1.4	--
ALL OTHER ENGINEERS	30	.3	--
ARCHITECTS, EXCEPT LANDSCAPE	10	.1	--
CIVIL ENGINEERING TECHNICIANS	310	3.2	--
DRAFTERS	30	.3	--
CHEMISTS	10	.1	--
ALL OTHER PHYSICAL SCIENTISTS	20	.2	--
FORESTERS AND CONSERVATION SCIENTISTS	180	1.8	--
BIOLOGICAL SCIENTISTS	120	1.2	--
ALL OTHER LIFE SCIENTISTS	10	.1	--
ALL OTHER SCIENCE TECHNICIANS	30	.3	--
SYSTEMS ANALYSTS, ELEC. DATA PROCESS.	70	.7	--
COMPUTER PROGRAMMERS	90	.9	--
MATHEMATICAL AND RELATED SCIENTISTS	10	.1	--
ECONOMISTS,INCL MARKETING RESEARCH	40	.4	--
URBAN AND REGIONAL PLANNERS	30	.3	--
PSYCHOLOGISTS	10	.1	--
SOCIAL WORKERS, MEDICAL	30	.3	--
SOCIAL WORKERS, EXCEPT MEDICAL	420	4.3	--
SOCIAL SERVICE TECHNICIANS	10	.1	--
JUDGES AND MAGISTRATES	40	.4	--
ADJUDICATORS AND RELATED	20	.2	--
LAWYERS	120	1.2	--
PARALEGAL PERSONNEL	20	.2	--
ALL OTHER LEGAL ASSISTANTS	40	.4	--
LIBRARIANS	10	.1	--
INSTRUCTIONAL COORDINATORS	70	.7	--
ALL OTHER THERAPISTS	10	.1	--
REGISTERED NURSES	50	.5	--
LICENSED PRACTICAL NURSES	50	.5	--
ALL OTHER HEALTH PROF & TECH.	50	.5	--
PUBLIC RELATIONS SPECIALISTS	20	.2	--
TRAFFIC TECHNICIANS	10	.1	--
ALL OTHER PROF,PARAPROF,TECHNICAL	200	2.0	--
TOTAL PROFESSIONAL AND TECH.	4,000	40.7	--

TABLE 20 (CONTINUED)

STATE GOVERNMENT

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
3. SALES AND RELATED:			
SUPERVISORS, SALES & RELATED	40	.4	--
RETAIL SALESPERSONS	100	1.0	--
CASHIERS	10	.1	--
ALL OTHER SALES AND RELATED WORKERS	20	.2	--
TOTAL SALES AND RELATED	170	1.7	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN SUPPORT	120	1.2	--
WELFARE ELIGIBILITY WORKERS & INTERVR	260	2.6	--
COURT CLERKS	10	.1	--
LICENSE CLERKS	60	.6	--
LIBRARY ASSIST. & BOOKMOBILE DRIVERS	20	.2	--
CLERICAL TEACHER AIDES & EDUC ASSIST.	10	.1	--
SECRETARIES	250	2.5	--
RECEPTIONISTS AND INFORMATION CLERKS	60	.6	--
TYPISTS	80	.8	--
TYPISTS, WORD PROCESSING EQUIPMENT	150	1.5	--
PERSONNEL CLERKS, EXCEPT PAYROLL	20	.2	--
FILE CLERKS	40	.4	--
STATISTICAL CLERKS	40	.4	--
BOOKKEEPING AND ACCOUNTING CLERKS	260	2.6	--
PAYROLL AND TIMEKEEPING CLERKS	20	.2	--
BILLING, COST AND RATE CLERKS	140	1.4	--
GENERAL OFFICE CLERKS	580	5.9	--
COMPUTER OPERATORS	40	.4	--
PERIPHERAL EDP EQUIPMENT OPERATORS	20	.2	--
DATA ENTRY KEYERS	90	.9	--
ALL OTHER OFFICE MACHINE OPERATORS	30	.3	--
SWITCHBOARD OPERATORS	10	.1	--
MAIL CLERKS, EXCEPT MAIL MACHINES OPR	30	.3	--
DISPATCHERS - POLICE, FIRE, AMBULANCE	10	.1	--
STOCK CLERKS, STOCKROOM & WAREHOUSE	10	.1	--
ALL OTHER MATERIAL SCHED & DISTRIBUT.	30	.3	--
ALL OTHER CLERICAL & ADMIN SUPPORT	180	1.8	--
TOTAL CLERICAL AND ADMIN. SUPPORT	2,570	26.1	--

TABLE 20 (CONTINUED)

STATE GOVERNMENT

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
5. SERVICE:			
SUPERVISORS, ALL OTHER SERVICE	50	.5	--
FIRE INSPECTORS	10	.1	--
POLICE DETECTIVES	10	.1	--
POLICE PATROL OFFICERS	210	2.1	--
CORRECTION OFFICERS & JAILERS	280	2.9	--
FISH AND GAME WARDENS	90	.9	--
GUARDS AND WATCH GUARDS	20	.2	--
ALL OTHER PROTECTIVE SERVICE WORKERS	60	.6	--
COOKS, INSTITUTION OR CAFETERIA	20	.2	--
FOOD PREPARATION WORKERS	70	.7	--
NURSING AIDES, ORDERLIES & ATTENDANTS	40	.4	--
HOME HEALTH AIDES	260	2.6	--
PSYCHIATRIC AIDES	40	.4	--
ALL OTHER HEALTH SERVICE WORKERS	20	.3	--
CLEANING & BUILDING SERVICE WORKERS	80	.8	--
CHILD CARE WORKERS	80	.8	--
ALL OTHER SERVICE WORKERS	50	.5	--
TOTAL SERVICE	1,390	14.1	--
6. AGRICULTURAL AND RELATED:			
FOREST AND CONSERVATION WORKERS	30	.3	--
GARDENERS & GROUNDSKEEPERS,EXCEPT FARM	10	.1	--
ALL OTHER AGRICULTURAL AND REL WORKERS	80	.8	--
TOTAL AGRICULTURAL AND RELATED	120	1.2	--

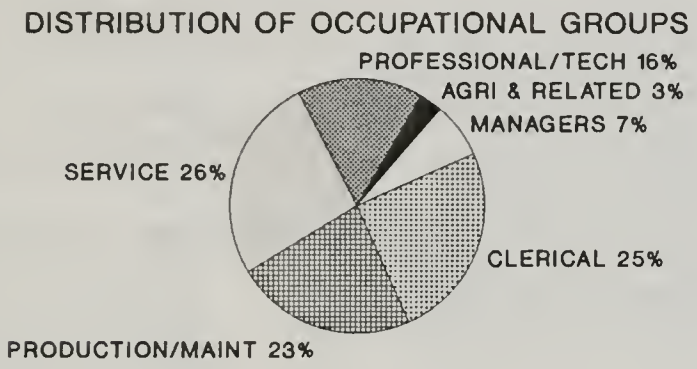
TABLE 20 (CONTINUED)

STATE GOVERNMENT

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
7. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, MECHANICS,INSTALLERS&REPAIR	10	.1	--
SUPERVR, TRANSPORTATION AND RELATED	130	1.3	--
SUPERVISORS, ALL OTHER	40	.4	--
ALL OTHER INSPECTORS,TESTERS&RELATED	80	.8	--
MAINTENANCE REPAIRERS, GEN. UTILITY	60	.6	--
ALL OTHER MECHANICS,INSTALLERS,REPR	20	.2	--
CARPENTERS	20	.2	--
PAINTERS AND PAPERHANGERS	20	.2	--
HIGHWAY MAINTENANCE WORKERS	20	.2	--
ALL OTHER CONSTR.AND EXTRACT. WORKERS	20	.2	--
PRECISION PRODUCTION WORKERS	80	.8	--
MACHINE SETTERS & SET-UP OPERATORS	10	.1	--
STATIONARY ENGINEERS	10	.1	--
HEAVY TRUCK DRIVERS, INCL SEMI'S	210	2.1	--
SERVICE STATION ATTENDANTS	20	.2	--
ALL OTHER TRANSPORTATION RELATED WRK	20	.2	--
OPERATING ENGINEERS	170	1.7	--
MECHANIC & REPAIRER HELPERS	10	.1	--
ALL OTHER HELPERS,LABORERS,HAND WORK	220	2.2	--
TOTAL PROD, CONST, MAINT & HANDL	1,170	11.9	--
GRAND TOTAL OF STATE GOVERNMENT	9,830	100.0%	

LOCAL GOVERNMENT (EXCLUDING HOSPITALS AND EDUCATION)



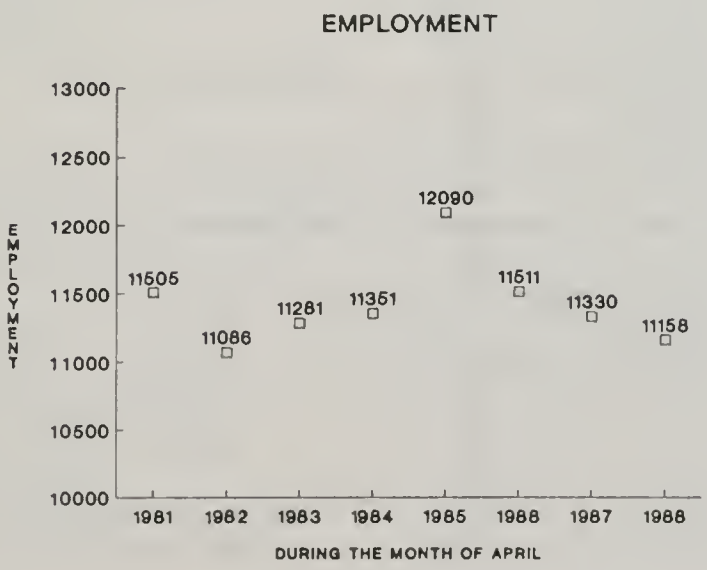


TABLE 21

LOCAL GOVERNMENT

THIS MAJOR GROUP INCLUDES THE LEGISLATIVE, JUDICIAL, ADMINISTRATIVE AND REGULATORY ACTIVITIES OF LOCAL GOVERNMENT. HOSPITAL AND EDUCATION UNITS ARE NOT INCLUDED IN THIS DATA.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
FINANCIAL MANAGERS	40	.3	13
PERSONNEL AND RELATED MANAGERS	10	.1	22
ADMINISTRATIVE SERVICES MANAGERS	20	.2	26
ENGINEER, MATH, SCIENCE MANAGERS	10	.1	31
EDUCATION ADMINISTRATORS	30	.3	26
MEDICINE AND HEALTH SERVICE MGRS.	60	.5	29
COMMUN, TRANSP, AND UTILITY MGRS.	20	.2	49
EXECUTIVES, LEGISLATORS AND ADMIN	430	3.7	19
GENERAL MANAGERS AND TOP EXEC.	210	1.8	28
ALL OTHER MANAGERS AND ADMIN.	10	.1	31
TOTAL MANAGERS AND ADMINISTRATORS	840	7.3	--

TABLE 21 (CONTINUED)

LOCAL GOVERNMENT

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	20	.2	19
BUDGET ANALYSTS	10	.1	43
PERSONNEL AND RELATED SPECIALISTS	10	.1	29
CONSTUCTION AND BUILDING INSPECTORS	40	.3	24
COMPLIANCE & ENFORCEMENT INSPECTORS	30	.3	33
TAX EXAMINERS/COLLECTORS AND RELATED	60	.5	41
ASSESSORS	100	.9	25
ALL OTHER MGMT. SUPPORT WORKERS	20	.2	--
CIVIL ENGINEERS, INCLUDING TRAFFIC	50	.4	15
CIVIL ENGINEERING TECHNICIANS	20	.2	39
DRAFTERS	20	.2	38
SURVEYING AND MAPPING TECHNICIANS	30	.3	25
CHEMISTS	10	.1	29
AGRICULTURAL SCIENTISTS	20	.2	39
ALL OTHER LIFE SCIENTISTS	60	.5	--
ALL OTHER SCIENCE TECHNICIANS	10	.1	17
SYSTEMS ANALYSTS, ELEC. DATA PROCESS.	10	.1	32
COMPUTER PROGRAMMERS	20	.2	22
URBAN AND REGIONAL PLANNERS	40	.3	26
SOCIAL WORKERS, EXCEPT MEDICAL	50	.4	18
RECREATION WORKERS	180	1.5	14
JUDGES AND MAGISTRATES	160	1.4	14
ADJUDICATORS AND HEARINGS OFFICERS	10	.1	48
LAWYERS	200	1.7	12
LAW CLERKS	40	.3	30
PARALEGAL PERSONNEL	10	.1	49
ALL OTHER LEGAL ASST. AND TECHNICIANS	10	.1	45
TEACHERS, VOCATIONAL ED. & TRAINING	10	.1	34
FARM & HOME MANAGEMENT ADVISORS	30	.3	28
LIBRARIANS	90	.8	19
LIBRARY TECHNICAL ASSISTANTS	40	.3	27
REGISTERED NURSES	170	1.5	27
EMERGENCY MEDICAL TECHNICIANS	110	.9	40
DIETITIANS AND NUTRITIONISTS	20	.2	32
ALL OTHER HEALTH PROF & TECH.	80	.7	--
TRAFFIC TECHNICIANS	10	.1	45
ALL OTHER PROF,PARAPROF,TECHNICAL	90	.8	--
TOTAL PROFESSIONAL AND TECH.	1,890	16.5	--

TABLE 21 (CONTINUED)

LOCAL GOVERNMENT

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
3. SALES AND RELATED:			
CASHIERS	30	.2	47
ALL OTHER SALES AND RELATED	10	.1	--
TOTAL SALES AND RELATED	40	.3	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN SUPPORT	160	1.4	20
COURT CLERKS	220	1.9	14
MUNICIPAL CLERKS	100	.9	37
LICENSE CLERKS	60	.5	26
LIBRARY ASSIST. & BOOKMOBILE DRIVERS	190	1.6	19
SECRETARIES	420	3.6	16
STENOGRAPHERS	50	.4	18
RECEPTIONISTS AND INFORMATION CLERKS	20	.2	25
TYPISTS	50	.4	19
TYPISTS, WORD PROCESSING EQUIPMENT	30	.3	39
PERSONNEL CLERKS	10	.1	30
FILE CLERKS	20	.2	37
CUSTOMER SERVICE REPS, UTILITIES	10	.1	14
BOOKKEEPING AND ACCOUNTING CLERKS	230	2.0	17
PAYROLL AND TIMEKEEPING CLERKS	30	.3	15
BILLING, COST AND RATE CLERKS	20	.2	31
GENERAL OFFICE CLERKS	620	5.4	15
COMPUTER OPERATORS	20	.2	39
DATA ENTRY KEYERS	20	.2	49
ALL OTHER OFFICE MACHINE OPERATORS	10	.1	--
SWITCHBOARD OPERATORS	30	.3	19
DISPATCHERS, POLICE, FIRE & AMBULANCE	340	2.9	24
METER READERS, UTILITIES	60	.5	27
STOCK CLERKS, STOCKROOM & WAREHOUSE	10	.1	22
ALL OTHER MATERIAL SCHED & DISTRIBUT.	20	.2	--
ALL OTHER CLERICAL & ADMIN SUPPORT	100	.9	--
TOTAL CLERICAL AND ADMIN. SUPPORT	2,850	24.9	--

TABLE 21 (CONTINUED)

LOCAL GOVERNMENT

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
5. SERVICE:			
SUPERVR, FIRE FIGHTING & PREVENTION	80	.7	37
SUPERVR, POLICE AND DETECTIVE	150	1.3	24
SUPERVISORS, ALL OTHER SERVICE	30	.3	24
FIRE INSPECTORS	10	.1	27
FIRE FIGHTERS	460	4.0	23
POLICE DETECTIVES	110	.9	22
POLICE PATROL OFFICERS	560	4.9	16
CORRECTION OFFICERS & JAILERS	160	1.4	13
PARKING ENFORCEMENT OFFICERS	20	.2	28
BAILIFFS	30	.3	20
SHERIFFS AND DEPUTY SHERIFFS	410	3.6	17
GUARDS AND WATCH GUARDS	10	.1	45
ALL OTHER PROTECTIVE SERVICE WORKERS	130	1.1	20
COOKS, INSTITUTION OR CAFETERIA	40	.3	42
FOOD PREPARATION WORKERS	30	.3	49
ALL OTHER FOOD SERVICE WORKERS	110	.9	5
HOME HEALTH AIDES	50	.4	33
ALL OTHER HEALTH SERVICE WORKERS	200	1.7	--
CLEANING & BUILDING SERVICE WORKERS	250	2.2	22
AMUSEMENT & RECREATION ATTENDANTS	20	.2	37
ALL OTHER SERVICE WORKERS	80	.7	--
TOTAL SERVICE	2,940	25.6	--
6. AGRICULTURAL AND RELATED:			
FOREST AND CONSERVATION WORKERS	10	.1	49
GARDENERS & GROUNDSKEEPERS,EXCEPT FARM	300	2.6	16
ANIMAL CARETAKERS, EXCEPT FARM	10	.1	49
ALL OTHER AGRICULTURAL AND REL WORKERS	10	.1	--
TOTAL AGRICULTURAL AND RELATED	330	2.9	--

TABLE 21 (CONTINUED)

LOCAL GOVERNMENT

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
7. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, MECHANICS,INSTALLERS&REPAIR	20	.2	43
SUPERVR, CONSTRUCTION AND RELATED	30	.3	34
SUPERVR, TRANSPORTATION AND RELATED	20	.2	38
SUPERVISORS, ALL OTHER	10	.1	30
MACHINERY MAINTENANCE,WATER OR POWER	50	.4	32
ALL OTHER MACHINERY MAINT. MECHANICS	20	.2	31
MAINTENANCE REPAIRERS, GEN. UTILITY	130	1.1	31
AUTOMOTIVE MECHANICS	30	.3	27
BUS,TRUCK & DIESEL ENGINE MECHANICS	20	.2	34
MOBILE HEAVY EQUIPMENT MECHANICS	30	.3	22
ALL OTHER MECHANICS,INSTALLERS,REPR	10	.1	--
ELECTRICIANS	20	.2	32
PAVING & TAMPING EQUIP OPERATORS	120	1.0	30
HIGHWAY MAINTENANCE WORKERS	700	6.1	16
ALL OTHER CONSTRUCTION TRADES WORKER	90	.8	--
WASTE TREATMENT PLANT OPERATORS	310	2.7	25
HEAVY TRUCK DRIVERS, INCL SEMI'S	80	.7	28
BUS DRIVERS	50	.4	16
ALL OTHER MOTOR VEHICLE OPERATORS	50	.4	--
ALL OTHER TRANSPORTATION RELATED WRK	20	.2	40
INDUSTRIAL TRUCK & TRACTOR OPERATORS	40	.3	44
OPERATING ENGINEERS	210	1.8	21
MECHANIC AND REPAIRER HELPERS	10	.1	41
REFUSE COLLECTORS	220	1.9	28
ALL OTHER HELPERS,LABORERS,HAND WORK	280	2.4	7
TOTAL PROD, CONST, MAINT & HANDL	2,570	22.5	--
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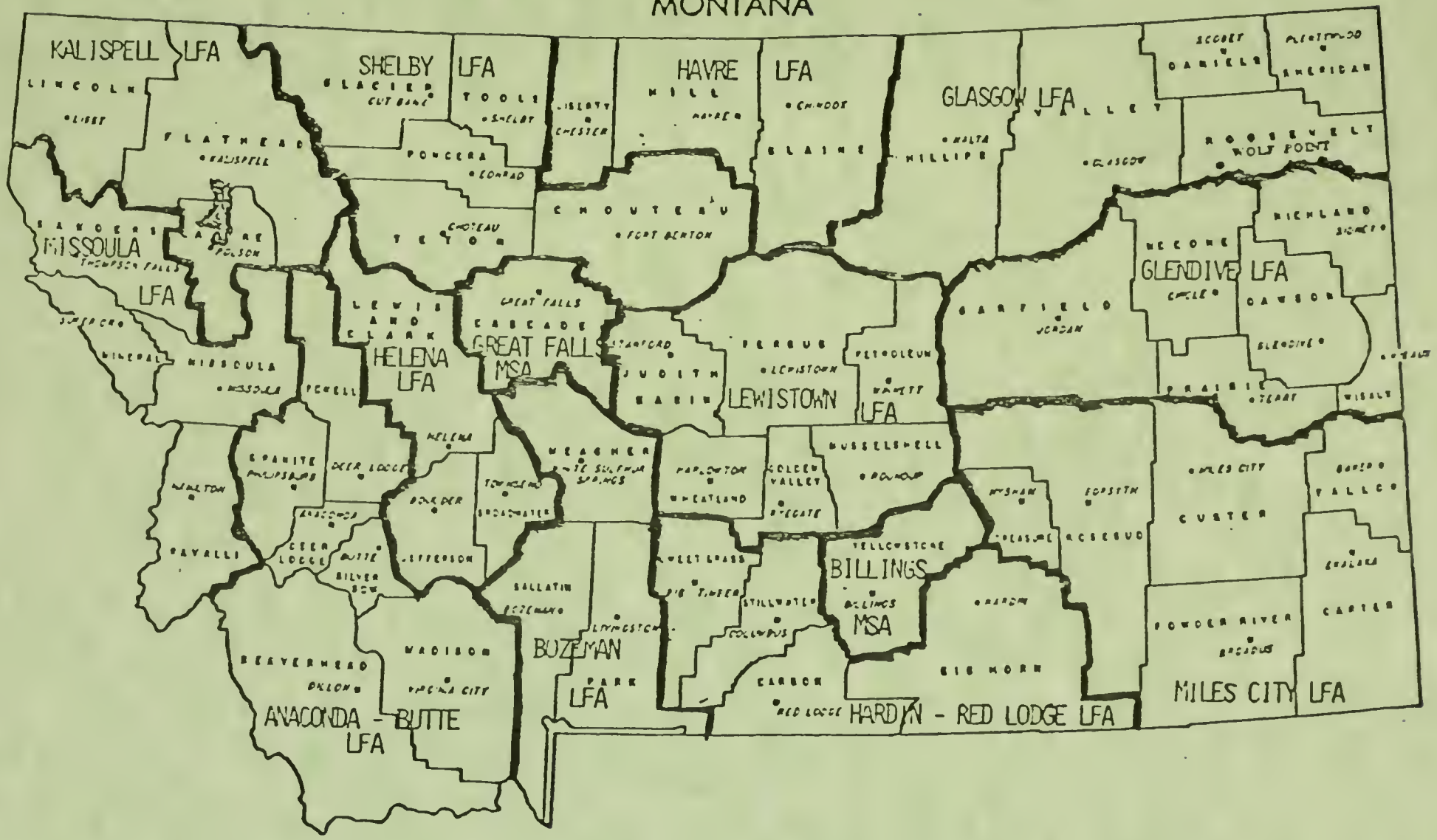
GRAND TOTAL OF LOCAL GOVERNMENT	11,460	100.0%	

LABOR FORCE AREAS
IN
MONTANA